

14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco 1@aol.com

November 15, 2004

Division of Oil, Gas & Mining 1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, UT 84114-5801

> **Gasco Production Company** Re: Sheep Wash Federal #34-26-9-18 659' FSL and 1980' FEL SW SE Section 26, T9S - R18E Uintah County, Utah Lease No. UTU-19266

Gentlemen:

Enclosed please find three copies of the Application for Permit to Drill, along with one copy of the Onshore Order No. 1 which was filed with the BLM in Vernal, Utah.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to Permitco Inc. at the address shown above.

RECEIVED

NOV 18 2004

Sincerely,

DIV. OF OIL, GAS & MINING

Jangmache 1

PERMITCO INC.

Venessa Langmacher

Consultant for

Gasco Production Company

Enc.

Gasco Production Company - Englewood, CO CC:

Shawn Elworthy - Roosevelt, UT

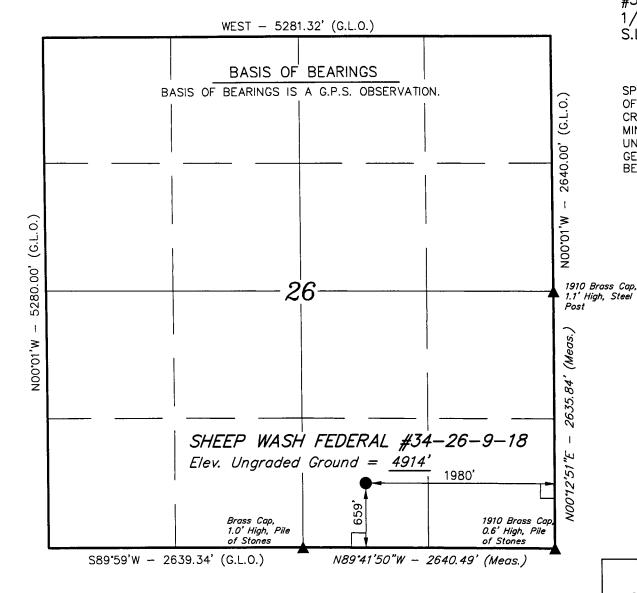
STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

001				5. MINERAL LEASE NO.:	6. SURFACE:		
	APPLICATION FOR	PERMIT T	O DRILL	UTU-19266	BLM		
1A. TYPE OF WOR	ĸ DRILL X REENTER □	DEEPEN		7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:		
		01110		N/A 8. UNIT OF CA AGREEMENT	NAME:		
B. TYPE OF WELL	.: OIL 🔲 GAS 🛣 OTHER	SING	SLE ZONE 📉 MULTIPLE ZONE	=	•		
2. NAME OF OPER	ATOR:			9. WELL NAME and NUMBER	₹: .		
	duction Company			Sheep Wash Fede	eral #34-26-9-18		
3. ADDRESS OF O	PERATOR:		PHONE NUMBER:	10. FIELD AND POOL, OR W			
14 Inverne	ss Drive East, Suite #H236, Englev	vood, CO 801	12 303-483-0044	Wilking Ridge &	and Dec Fiel		
4. LOCATION OF V	(nd 1980' FEL	597516× 39,996 44277824.109.857	11. QTR/QTR, SECTION, TO MERIDIAN: Sec. 26, T9S-R18			
AT PROPOSED P	RODUCING ZONE: SW SE		,,		•		
14. DISTANCE IN	MILES AND DIRECTION FROM NEAREST TOWN OR	POST OFFICE:		12. COUNTY:	13. STATE:		
Approxi	nately 25.5 miles Southeast of Myl	ton, UT		Uintah	UTAH		
15. DISTANCE TO	NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBE	R OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED			
	659'	40 00000	640 SED DEPTH:	40 acre	<u> </u>		
	NEAREST WELL (DRILLING, COMPLETED, OR ON THIS LEASE (FEET):	19. PROPO	SED DEFTH.				
	Approx. 1300'		12,773'	Bond No. U	Г-1233		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	22. APPRO	XIMATE DATE WORK WILL START:	23. ESTIMATED DURATION:			
	4914' GL		Upon Approval	30 Day	<u> </u>		
24.	PROP	OSED CASIN	G AND CEMENTING PRO				
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH		CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT 180 SX Class G, 2% CaCl2, 1.18 yield			
17-1/2"	13-3/8", H-40, 48#	180'	660 sx Hi-Lift, 11 ppg, 3.9				
12-1/4"	8-5/8", J-55, 32#	3,855 ¹ 12,773 ¹	366 sx Hi-Lift, 11.5 ppg, 3.95	vield + 1688 sy 50/50 Poz 'G	' 14.1 ppg, 1.28 vield		
7-7/8"	4-1/2", J-55, 13.5#	12,773					
			CONFIDE	NTIAL-TIGHT HO			
	:				CEIVED		
		Δ	TTACHMENTS	<u> </u>	v 1 8 2004		
25.	LOWING ARE ATTACHED IN ACCORDANCE WITH 1	THE UTAH OIL AND	GAS CONSERVATION GENERAL RULE	s: NO	W 1 0 200		
	AT OR MAP PREPARED BY LICENSED SURVEYOR		COMPLETE DRILLING P	PROGRAM DIV. OF	OIL, GAS & MINING		
	E OF DIVISION OF WATER RIGHTS APPROVAL FOR		FORM 5, IF OPERATOR	IS PERSON OR COMPANY OTHER TH			
ACENT: De	ermitCo Inc.			AGENT'S PHONE NO	303-857-9999		
NAME (PLEASĘ	A Managar Langungahar		TITLE Age	ent for Gasco Production	Company		
SIGNATURE	Von Ma Rynomas	hos		vember 15, 2004	:		
(This space for Sta							
API NUMBER ASS	42-047-3142		APPROVAL:	Approved by the Utah Division o Oil, Gas and Mini	f 🕴 🛴		
(11/2001)	Federal Approval of Action is Necessar	y ·	(See instructions on Reverse Side)	ate: 11-22-04			

T9S, R18E, S.L.B.&M.



(AUTONOMOUS NAD 83)

LEGEND:

= 90° SYMBOL

PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

LATITUDE = $39^{5}9^{4}7.34^{2}$ (39.996483)

LONGITUDE = 109.51.30.60" (109.858500)

(AUTONOMOUS NAD 27)

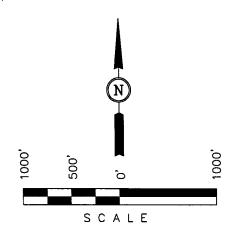
LATITUDE = 39.59.47.47" (39.996519) LONGITUDE = 109.51.28.08" (109.857800)

GASCO PRODUCTION COMPANY

Well location, SHEEP WASH FEDERAL #34-26-9-18, located as shown in the SW 1/4 SE 1/4 of Section 26, T9S, R18E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHWEST CORNER OF SECTION 31, T9S, R19E, S.L.B.&M. TAKEN FROM THE CROW KNOLL, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4,838' FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLATIMAN FREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY MEAN UNDER MY
SUPERVISION AND THAT THE SAME TREE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLE

FOF UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-07-04	DATE DRAWN: 10-13-04
PARTY	REFERENCES	
S.H. L.M. E.C.O.	G.L.O. PLAT	•
WEATHER	FILE	
WARM	GASCO PRODUC	TION COMPANY

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore Federal and Indian Oil & Gas Leases

Sheep Wash Federal #34-26-9-18 659' FSL and 1980' FEL SW SE Section 26, T9S-R18E Uintah County, Utah

Prepared For:

Gasco Production Company

By:

PERMITCO INC. 14421 County Road 10 Ft. Lupton, Colorado 80621 303/857-9999

CONFIDENTIAL.TIGHT HOLE

Copies Sent To:

- 3 Bureau of Land Management Vernal, UT Utah Division of Oil, Gas & Mining - SLC, UT 2 - Gasco Production Company - Englewood, CO

 - 1 Shawn Elworthy Roosevelt, UT



APPLICATION FOR PERMIT TO DRILL OR REENTER

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1.	Well plat certified by a registered surveyor. Attached.
2.	A Drilling Plan Attached.
3.	A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the Appropriate Forest Service Office. See Surface Use Plan Attached.
4.	Bond to cover the operations unless covered by an existing bond on file (see Item 20). Bond coverage for this well is provided by Gasco Production Company under their BLM Bond No. UT-1233.
5.	Operator certification. Please be advised that Gasco Production Company is considered to be the operator of the above mentioned well. Gasco Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.
6.	Such other site specific information and/or plans as may be required by the authorized officer.

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DRILLING PROGRAM

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ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Formation	Depth	Subsea
Uinta	Surface	0'
Wasatch	5,258'	-325'
Mesaverde	9,163'	-4,230'
Castlegate	11,643'	-6,710'
Blackhawk	11,903'	-6,970'
Spring Canyon	12,573'	-7,640'
T.D.	12,773	-7,840'

2. <u>ESTIMATED DEPTH OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:</u>

Substance	Formation	Depth
Gas	Wasatch	5,500'-9,163'
Gas	Medaverde	9,163'-11,643'
Gas	Blackhawk	11,903'-12,673'



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DRILLING PROGRAM

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All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. PRESSURE CONTROL EQUIPMENT

Gasco Production Company's minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double with annular, 5000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

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Gasco Production Company
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659' FSL and 1980' FEL
SW SE Section 26, T9S-R18E
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Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 5000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is <u>not</u> to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit <u>all</u> tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors,



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DRILLING PROGRAM

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including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.



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DRILLING PROGRAM

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- I. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

Purpose	Depth	Hole Size	O.D.	Weight	Grade	Туре	New/Used
Conductor	0-170'	17-1/2"	13-3/8"	48#	H-40	ST&C	New
Surface	0-3855'	12-1/4"	8-5/8"	32#	J-55	ST&C	New
Production	0- 12,773'	7-7/8"	4-1/2"	13.5#	J-55	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.
- o. The cement program will be as follows:

Conductor	Type and Amount			
Surface	180 sxs Class "G" @ 2% CaCl2, 1.18 yield			
Surface	Type and Amount			
Surface	Lead: 660 sx Hi-Lift @ 11 ppg, 3.91 yield Tail: 185 sx 10-2 RFC @ 14.2 ppg, 1.63 yield			
Production	Type and Amount			
2,500'	Lead: 366 sx Hi-Lift @ 11.5 ppg, 3.05 yield Tail: 1688 sx 50:50 Poz 'G' @ 14.1 ppg, 1.28 yield			

p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.



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DRILLING PROGRAM

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- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
 - 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
 - 1. Kelly cock
 - 2. No bit float is deemed necessary.
 - 3. A sub with a full opening valve.

5. MUD PROGRAM

a. The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Mud Wt.	Visc.	F/L	PH
0 - 3,855'	Water				
3,855' - 9,000'	Native Mud	8.4-8.8			
9,000' - TD'	DAP Mud	9.0-11.1	30-40	15-20	7-8



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There will be sufficient mud on location to control a blowout should one occur.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

- b. Mud monitoring equipment to be used is as follows:
 - 1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

6. **EVALUATION PROGRAM**

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stem tests are anticipated, however, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

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DRILLING PROGRAM

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Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a Schlumberger Platform Express to be run from base of surface casing to T.D.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases0 will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows: Complete all gas sands using multi-stage fracturing technique.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. ABNORMAL TEMPERATURES OR PRESSURES

- a. The expected bottom hole pressure is 7372 psi. The maximum bottom hole temperature will be 215 degrees F.
- b. No hydrogen sulfide gas is anticipated. Abnormal Pressures will be controlled with the mud weight.

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

a. Drilling is planned to commence April 2005.



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DRILLING PROGRAM

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- b. It is anticipated that the drilling of this well will take approximately 30 days.
- c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. <u>Immediate Report:</u> Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- j. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.



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- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- I. A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9.d.), shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b.4.).
- m. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- o. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

Phone: 435/781-4400	Bureau of Land Management 170 South 500 East Vernal, Utah 84078 Fax: After Hours:	435/781-4410
Ed Forsman	Petroleum Engineer	435/828-7874
Kirk Fleetwood	Petroleum Engineer	435/828-7875

ONSHORE ORDER NO. 1 Gasco Production Company Sheep Wash Federal #34-26-9-18 659' FSL and 1980' FEL SW SE Section 26, T9S - R18E

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SURFACE USE PLAN

Page 1

ONSHORE OIL & GAS ORDER NO. 1 NOTIFICATION REQUIREMENTS

Location Construction -

Uintah County, Utah

forty-eight (48) hours prior to construction of location and access roads.

Location Completion -

prior to moving on the drilling rig.

Spud Notice

at least twenty-four (24) hours prior to spudding the well.

Casing String and

twenty-four (24) hours prior to running casing and

Cementing

cementing all casing strings.

BOP and Related

twenty-four (24) hours prior to initiating pressure tests.

Equipment Tests

First Production -

Notice

within five (5) business days after new well begins or

production resumes after well has been off production for more than

ninety (90) days.

The onsite inspection for the subject well site was conducted on Wednesday, October 27, 2004 at approximately 3:30 p.m. Weather conditions were cool and rainy. In attendance at the onsite inspection were the following individuals:

Stan Olmstead

Natural Resource Specialist Bureau of Land Management

Lisa Smith

Permitting Agent

Permitco Inc.

Hal Marshall

Civil Engineer

Uintah Engineering and Land Surveying

Shawn Elworthy

Production Superintendent

Gasco Production Company

1. **EXISTING ROADS**

- The proposed well site is located approximately 25.5 miles southeast of Myton, Utah. a.
- Directions to the location from Myton, Utah are as follows: b.



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SURFACE USE PLAN

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Proceed southwesterly on Highway 40 for 1.5 miles. Turn left and proceed southeasterly for approximately 11 miles to the Castle Peak Mine. Turn left and proceed east for approximately 6.7 miles on the 8 mile flat road. Turn right and proceed southwesterly on an improved road for 4.8 miles. Turn right and proceed southerly for 0.3 miles to a fork in the road. Turn right and proceed westerly for 0.7 miles. Turn left and proceed southerly for 0.25 miles. Before reaching the Dominion #16-26-A well, turn right onto the new access road and proceed 0.25 miles to the location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to existing main roads will not be required.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. PLANNED ACCESS ROADS

- a. Approximately 0.25 miles of new construction will be necessary. The remainder of the access road is maintained by the County or is an existing oilfield road.
- b. The maximum grade of the new construction will be approximately 3%.
- c. No turnouts are planned.
- d. One low water crossings will be necessary approximately 200 feet east of the existing oilfield road. No culverts will be necessary.
- e. The last 0.25 miles of new access road was centerline flagged at the time of staking.
- f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.



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SURFACE USE PLAN
Page 3

- g. No cattle guards will be necessary.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989).
- j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- k. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- I. This APD is to serve as our request for road right of way. ROW will begin in the NW NE of Section 25, T9S R18E at the County Road. The ROW will extend southerly and westerly a distance of approximately 1 mile until reaching the Lease Boundary between Sections 25 and 26.

The term of years requested is 30 years or the entire life of the well. ROW width requested is 40 feet - or the width of the existing road. ROW may be brought to the wellhead if preferred by the BLM.

Fees will be submitted to the BLM once a Category Determination has been made.



Lease No. UTU-19266

SURFACE USE PLAN

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3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION. (See Map "C")

- a. Water wells none
- b. Injection wells none
- c. Producing wells one
- d. Drilling wells none
- e. Shut-in wells none
- f. Temporarily abandoned wells none
- g. Disposal wells -none
- h. Abandoned wells none
- i. Dry Holes three

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Carlsbad Canyon. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. If production is established a production facility layout will be submitted via Sundry Notice.
- d. All loading lines will be placed inside the berm surrounding the tank battery.



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SURFACE USE PLAN Page 5

- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- I. The road will be maintained in a safe useable condition.
- m. Produced water will be stored in a 300 bbl heated, insulated tank, then hauled to a commercial disposal site such as Disposal Inc., or Brennan Bottom.
- n. Pipelines will follow the route shown on Map D. See Pipeline detail attached. ROW is requested for the portion of pipeline that is located off lease. The length of the pipeline ROW is approximately 5500 feet.

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SURFACE USE PLAN

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5. LOCATION AND TYPE OF WATER SUPPLY

- a. The proposed water source will be the Nebecker Water Service at the Nebecker Water Station in Myton, permit #43-1723.
- b. Water will be hauled by Nebecker Water Service to the location over the access roads shown on Maps A and B.
- c. No water well will be drilled on this lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

7. METHODS OF HANDLING WASTE DISPOSAL

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. At the request of the BLM, the reserve pit will be lined with a 12 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold if in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.



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SURFACE USE PLAN

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- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. ANCILLARY FACILITIES

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. WELL SITE LAYOUT

- a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.
- b. The reserve pit will be located on the south side of the location.
- c. The flare pit will be located on the west side of the reserve pit, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- d. The stockpiled topsoil (first six inches) will be stored on the southwest corner of the location, between Corners 5, 6 and 7 near the wellpad. Topsoil along the access route will be wind rowed on the uphill side.



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SURFACE USE PLAN

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- e. Access to the well pad will be from the east as shown on the Pit & Pad Layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
 - 1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 - 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
 - 5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

Producing Location

a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.



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- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. A seed mixture will be specified by the Bureau of Land Management in their Conditions of Approval for the subject well.

Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. Seed will be broadcast and walked in with a dozer.

- f. The topsoil stockpile will be seeded as soon as the location has been constructed with the same recommended seed mix. The seed will be walked in with a cat.
- g. The following seed mixture has been recommended by the BLM.

Species	#/s per Acre
Shadscale	3
Four Wing Saltbush	3
Galleta Grass	3
Needle and Thread	3
TOTAL	12



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SURFACE USE PLAN

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Dry Hole

h. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access Roads - The majority of the access roads are maintained by the County Road Department or the Bureau of Land Management.

Well pad - The well pad is located on lands managed by the BLM.

12. OTHER INFORMATION

- a. A Class III archeological survey has been conducted by Grand River Institute. No significant cultural resources were found and clearance is recommended. A copy of this report will be submitted to the appropriate agencies by Grand River Institute.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
 - -whether the materials appear eligible for the National Register of Historic Places;
 - -the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - -a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this



ONSHORE ORDER NO. 1
Gasco Production Company
Sheep Wash Federal #34-26-9-18
659' FSL and 1980' FEL
SW SE Section 26, T9S - R18E
Uintah County, Utah

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SURFACE USE PLAN

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process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- f. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- g. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- h. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- i. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.

ONSHORE ORDER NO. 1
Gasco Production Company
Sheep Wash Federal #34-26-9-18
659' FSL and 1980' FEL
SW SE Section 26, T9S - R18E
Uintah County, Utah

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SURFACE USE PLAN

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- j. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.
- k. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

Permit Matters

Drilling & Completion Matters

PERMITCO INC.

14421 County Road 10 Ft. Lupton, CO 80621 303/857-9999 (O) 303/857-0577 (F) Lisa Smith **Gasco Production Company**

14 Inverness Drive East, Suite H-236 Englewood, CO 80112 John Longwell

303/483-0044 (O) 303/483-0011(F)

Shawn Elworthy - Field Superintendent Roosevelt, UT

435-823-4272 (cell)

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Gasco Production Company and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

November 15, 2004

Date:

Vanassa Langmacher - PERMITCO INC

Venessa Langmacher - PERMITCO INC.

Authorized Agent for:

Gasco Production Company



PIPELINE INFORMATION Sheep Wash Federal #34-26-9-18

- 1. The type of pipeline is a single well flow line.
- 2. The outside diameter (O.D.) of all will be 6 inches.
- 3. The anticipated production through the line is approximately 2000 MCF per day.
- 4. The anticipated maximum test pressure is 1000 psi.
- 5. The anticipated operating pressure is 850 psi.
- 6. The type of pipe is steel.
- 7. The method of coupling is welded.
- 8. There are no other pipelines to be associated in same right of way.
- 9. There are no other objects to be associated in the same right of way.
- 10. The total length of pipeline is approximately 7400 feet (2800' on lease and 4600' off lease) see Map D.
- 11. The line will be laid on the surface adjacent to the existing access road as shown on Map D.
- 12. Burying of the pipeline will not be necessary.
- 13. The construction width needed for total surface disturbing activities is 50 feet. The permanent ROW requested is 30 feet.
- 14. The estimated total acreage involving all surface disturbing activities on BLM lands (outside the lease boundary) is 3.8 acres.
- 15. Any surface disturbance created as a result of the pipeline construction will be reclaimed utilizing the reclamation procedures and seed mixture specified by the Bureau of Land Management.

GASCO PRODUCTION COMPANY

SHEEP WASH FEDERAL #34-26-9-18

LOCATED IN UINTAH COUNTY, UTAH SECTION 26, T9S, R18E, S.L.B.&M.

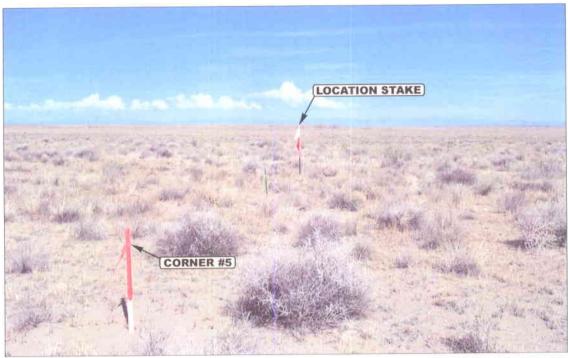


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



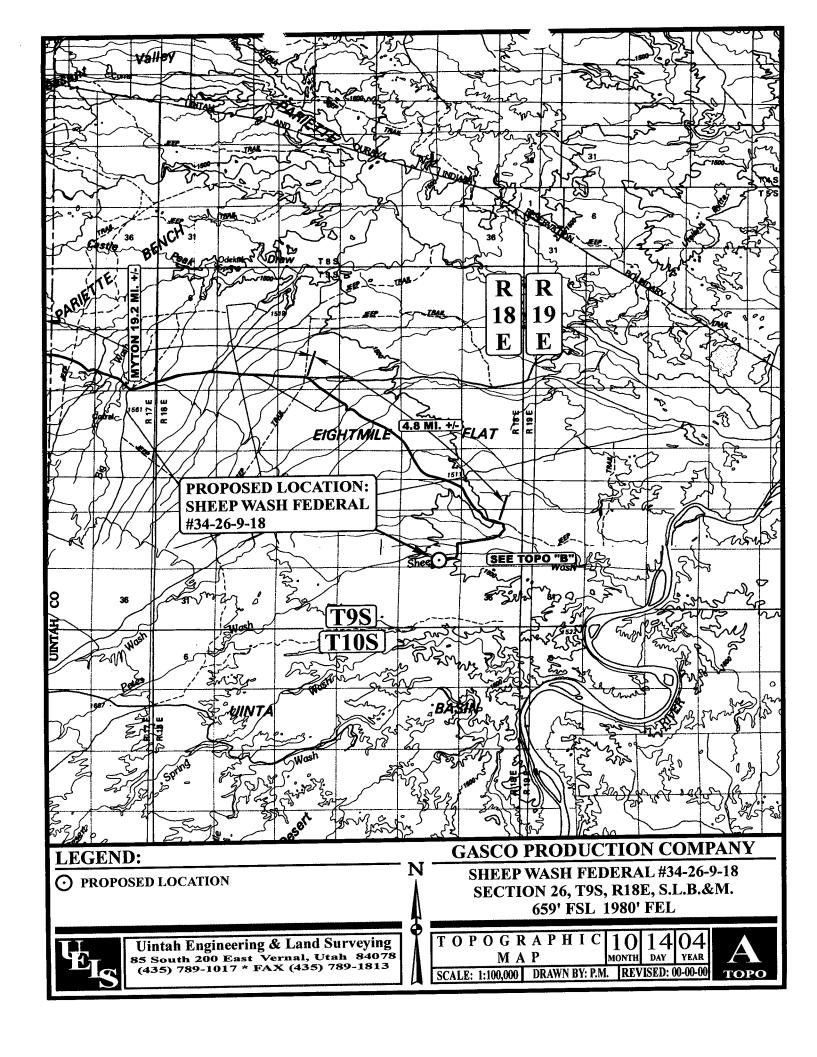
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

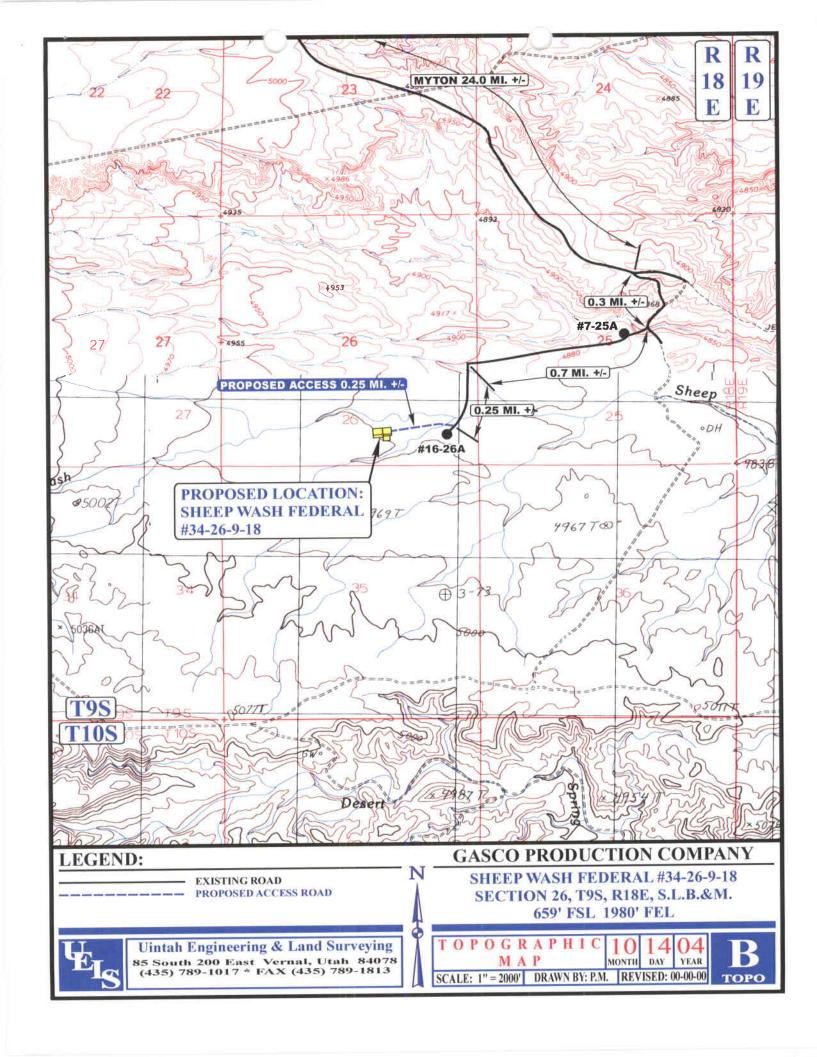
LOCATION PHOTOS

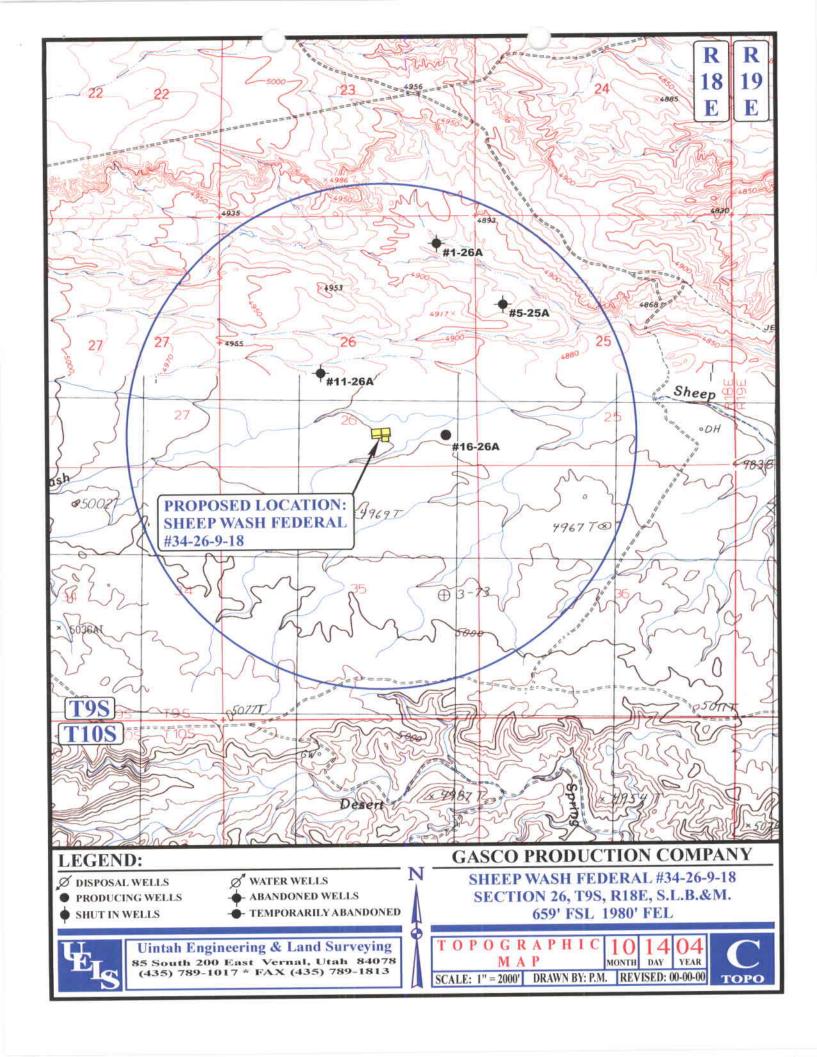
YEAR MONTH DAY

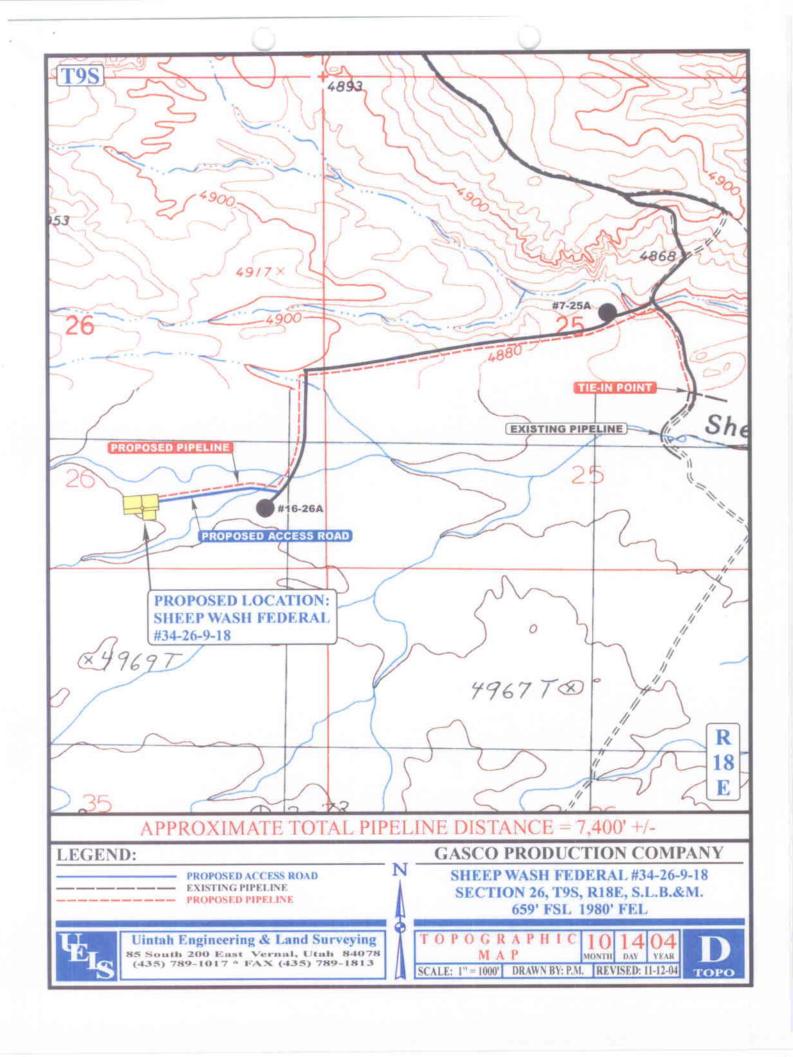
PHOTO

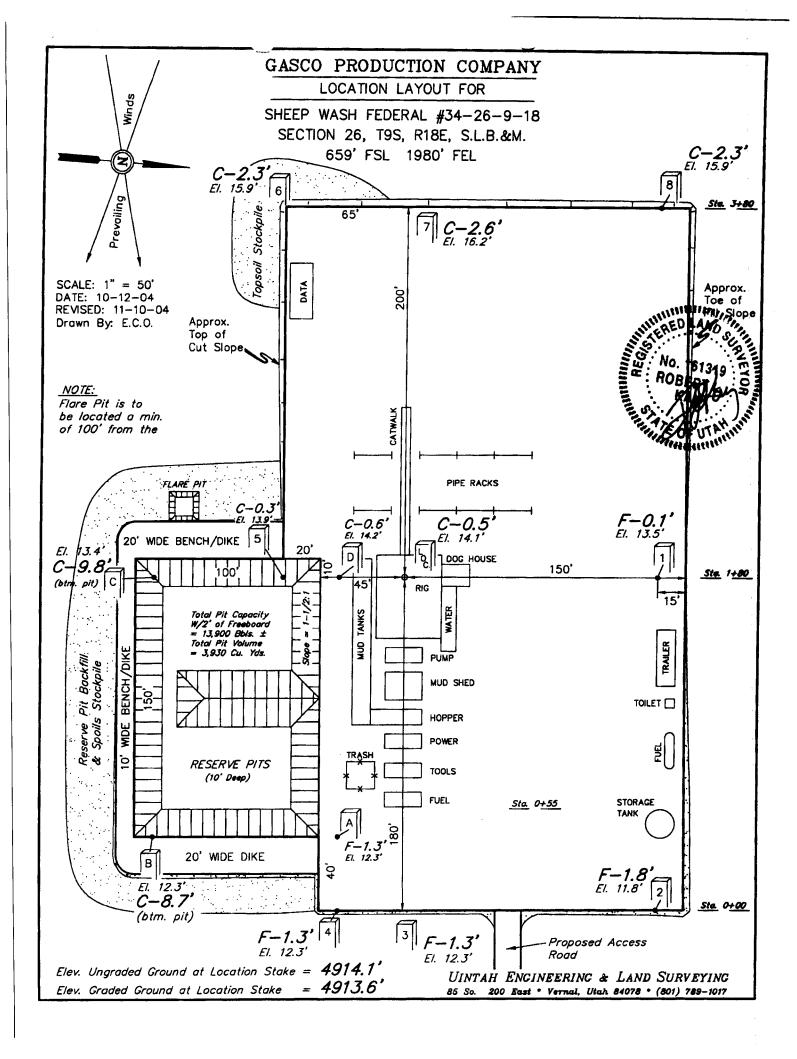
TAKEN BY: S.H. | DRAWN BY: P.M. | REVISED: 00-00-00

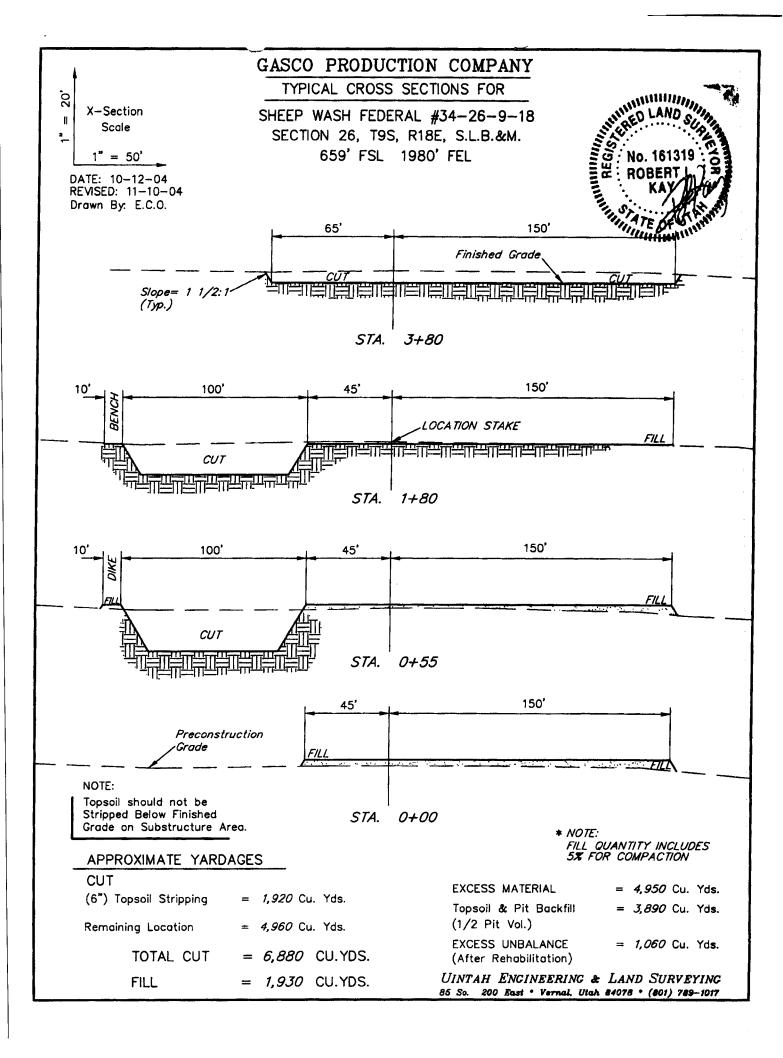












FEDERAL STIPULATIONS AND TIMING RESTRICTIONS

Any wildlife stipulations that pertain to this lease will be attached as a Conditional of Approval by the Bureau of Land Management.



Archeology

A Class III Archeological Survey has been conducted by Grand River Institute. No significant cultural resources found and clearance has been recommended. A copy of this report will be submitted directly to the appropriate agencies by Grand River Institute.





Bureau of Land Management Vernal Field Office 170 S. 500 E. Vernal, UT 84078

Attn: Minerals

Re: A

Ali Wells

Uintah County, Utah

Gentlemen:

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Gasco Production Company, a wholly owned subsidiary of Gasco Energy, Inc. when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc., for the above mentioned well.

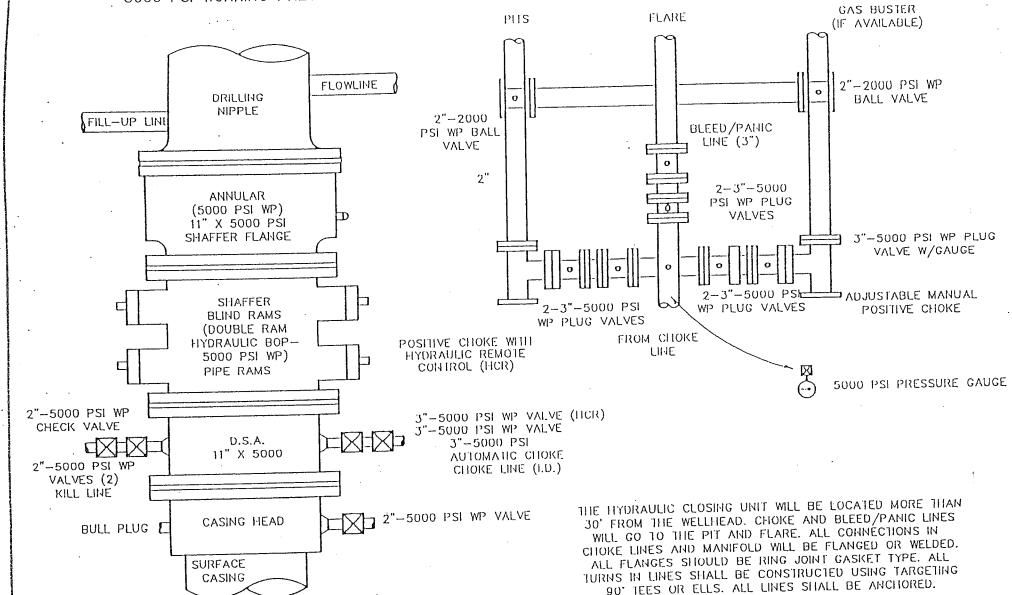
It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

Gasco Production Company agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above-mentioned well.

Yours yery truly

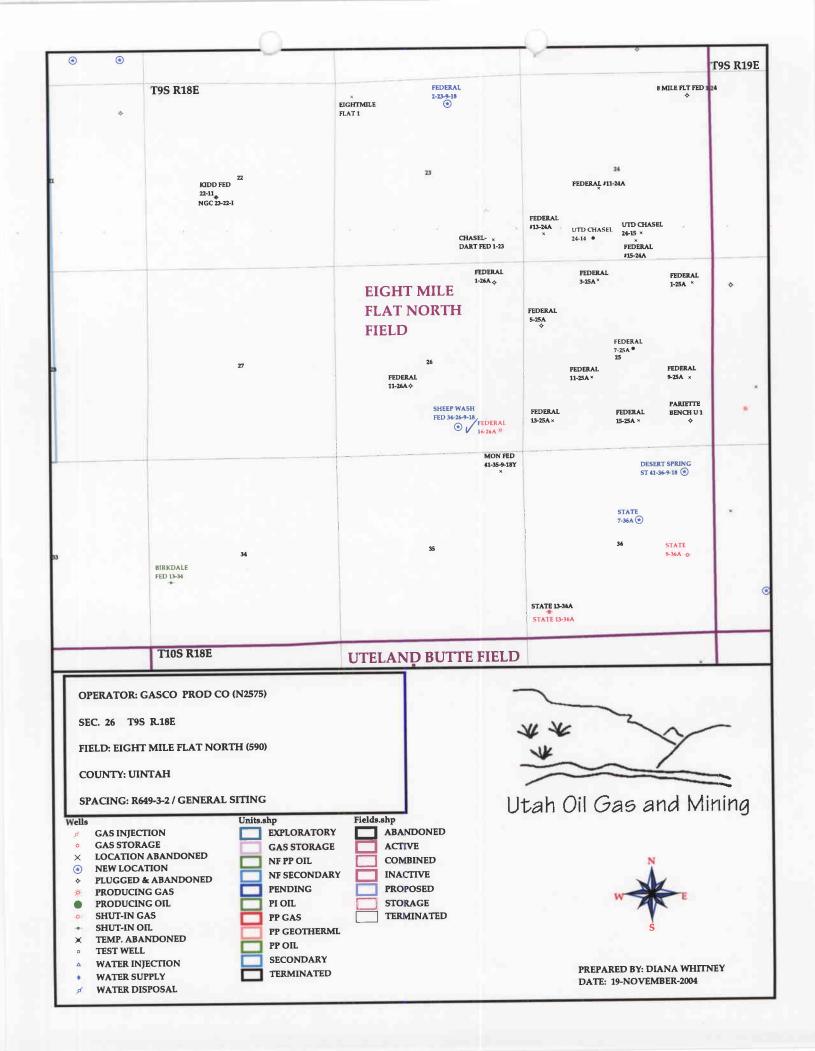
Mark J. Choury

Land Manager



APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/18/2004	API NO. ASSIGNE	D: 43-047-3611	3
WELL NAME: SHEEP WASH FED 34-26-9-18 OPERATOR: GASCO PRODUCTION (N2575) CONTACT: VENESSA LANGMACHER	PHONE NUMBER: 30	03-483-0044	
PROPOSED LOCATION: SWSE 26 090S 180E	INSPECT LOCATN	BY: / /	
SURFACE: 0659 FSL 1980 FEL	Tech Review	Initials	Date
BOTTOM: 0659 FSL 1980 FEL UINTAH	Engineering		
8 MILE FLAT NORTH (590)	Geology		
LEASE TYPE: 1 - Federal	Surface		
LEASE NUMBER: UTU-19266 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: BLKHK COALBED METHANE WELL? NO	LATITUDE: 39.9 LONGITUDE: -109		
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UT-1233) Potash (Y/N) Noil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-1723) RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N)	R649-3-3 Drilling Un Board Caus Eff Date: Siting:	General From Qtr/Qtr & 920' Exception it	Between Wells
STIPULATIONS:	0		





Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER

Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

November 22, 2004

Gasco Production Company 14 Inverness Drive East, Suite #H236 Englewood, CO 80112

Re:

Sheep Wash Federal 34-26-9-18 Well, 659' FSL, 1980' FEL, SW SE, Sec. 26, T. 9 South, R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36113.

Sincerely,

John R. Baza Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Gasco Production	n Company	
Well Name & Number	Sheep Wash Fed	leral 34-26-9-18	
API Number:	43-047-36113		
Lease:	UTU-19266		
Location: SW SE	Sec. 26	T. 9 South	R. <u>18 East</u>

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

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DIVISION OF OIL, GAS AND M		6. Lease Designat	tion and Serial Number
SUNDRY NOTICES AND REPORT	S ON WELLS	7. Indian Allottee N/A 8. Unit or Commu	or Tribe Name nitization Agreement
Do not use this form for proposals to drill new wells, deepen existing wells, or to Use APPLICATION FOR PERMIT for such p	roposals	N/A	
Type of Well		9. Well Name and	i Number
Oil Well Gas Well Other (specify)		Sheep Wa	sh Federal #34-26-9-18
2. Name of Operator		43-047-36	
Gasco Production Company	4. Telephone Number	11. Field and Poo	
3. Address of Operator 8 Inverness Drive East, Suite #100, Englewood, CO 80112	303/483-0044	Riverbent	- 8 min flat North
5. Location of Well	County	: Uintah	
Footage : 659' FSL and 1980' FEL g	County State		
QQ, Sec, T., R., M. : SW SE, Section 26, T9S - R1/9E			R DATA
12. CHECK APPROPRIATE BOXES TO INC	OICATE NATURE OF NOTICE, REP	URI, OR OTHE	IN DATA
NOTICE OF INTENT (Submit in Duplicate)		UENT REPORT riginal Form Only)	
Abandonment New Construction	Abandonment *		New Construction
Casing Repair Pull or Alter Casing	Casing Repair		Pull or Alter Casing
Change of Plans Recompletion	Change of Plans		Shoot or Acidize
Conversion to Injection Shoot or Acidize	Conversion to Injection		Vent or Flare
Conversion to injection	Fracture Treat		Water Shut-Off
Fracture freat	Other		
Multiple completion			
X Other Hequest 1 year extension of APD	Date of Work Completion	·	
Approximate Date Work Will Start	Report results of Multiple Completions and R on WELL COMPLETION OR RECOMPLETI * Must be accompanied by a cement of the completion of the companied by a cement of the completions and R on the companied by a cement of the completions and R on the companied by a cement of the cement of	ON AND LOG form.	ent reservoirs
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertire			osurface
locations and measured and true vertical depths for all markers and zones pertine Gasco Production Company requests a one year extensi	nt to this work.)		
	Approved by to Utah Division Oil, Gas and Mi	of	
1-22-05	Date: 09-20 By: June 9	LEE .	
14. I hereby certify that the foregoing is true and correct.	Consulta	int for	
Name & Signature Vanua Sanamarke	Title Gasco Production		Date 09/15/05
(State Use Only)			TEGENTED

SEP 1 9 2005

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

Well Name: Sheep Wash Federal #34-26-9-18 Location: SW SE, 659' FSL and 1980' FEL, Section 26, T9S-R18E Company Permit Issued to: Gasco Production Company Date Original Permit Issued: 11/22/2004
Theundersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If location on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No X
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No X
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No X
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes \square No \square
Has the approved source of water for drilling changed? Yes No X
Have there been any physical changes to the surface location or access route which would require a change in plans from what was discussed at the onsite evaluation? Yes No X
Is bonding still in place, which covers this proposed well? Yes X No
Venessa Langmacher - Permitco Inc. September 15, 2005 Date
Title: Consultant for Gasco Production Company

RECEIVED

SEP 1 9 2005

Form 3150-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED
	OMB No. 1004-0136
_	1 - Manage 20 20

5.	Lease Serial No.	
	UTU-19266	

	BUREAU OF LAND MANA	GEMENT			6. If Indian, Allottee or	Tribe Name
APPLICA1	TION FOR PERMIT TO [RILL OR	REENTER	i	N/A	
					7. If Unit or CA Agree	ment, Name and No.
a. Type of Work: X DRILL	REF	NTER			N/A	
					8. Lease Name and W	ell No.
	Gas Well Other	V Si	ngie Zone	Multiple Zone	Sheep Wash Fe	ederal #34-26-9-18
. Type of Well: Oil Well			s Drive East, S	Suite #H236	9. API Well No	5/1/2
Name of Operator	303-483-0044		i, CO 80112	54.1.5	4304 +	36//0
Gasco Production Comp			inty Road 10		10. Field and Pool, or	Exploratory
Name of Agent	303-857-9999		n) CO 8062F		Wildcat	
Permitco Inc Agent Location of Well (Report location)	-lnh and in accordance wit	h any State re	nuirements.*)	- 11 W IS 	11. Sec., T., R., M., or	Blk, and Survey or Are
	or of the and 1000' EEL		NOV 1	7 2004	Section 26, T9	S-R18E
t surface	659' FSL and 1980' FEL			2004		
t proposed prod. zone	SW SE	*	D.	<u> </u>	12. County or Parish	13. State
Distance in miles and direction			Ву		Uintah	UT
Approximately 25.5 mile	s Southeast of Myton, UT	I 16 No of	Acres in lease	17. Spacing Unit	dedicated to this well	
Distance from proposed*	CEO!	10. 110. 01.	. 200 00 000			
property or lease line, ft. (Also to nearest drig, unit line,	if any) 659'		640		40 acres	
		19. Propos	ed Denth	20. BLM/BIA Bo	ond No. on file	
Distance from proposed locatio to nearest well, drilling, compl		1			UT 40	00
applied for, on this lease, ft.	Approx. 1300'	1	2,773'		Bond No. UT-12	33
	TIPE DE CL. III	22 Approx	cimate date work	will start*	23. Estimated duration	n
1. Elevations (Show whether DF,		ZZ. Approx	Upon Appr	_	301	Days
491	4' GL			Ovai		
			ttachments		An Alvin Commo:	
he following, completed in accor	rdance with the requirements of C	nshore Oil an	d Gas Order No.	1, shall be attached	to this form.	
					. s unless covered by an exi	sting hand on file (see
 Well plat certified by a register 	red surveyor.				s unless covered by all ext	3tm8 00m2 an and (
2. A Drilling Plan.			Item 20 at	•		
3. A Surface Use Plan (if the loca	ation is on National Forest System	Lands, 1	5. Operator c	certification.	de la	be required by the
SUPO shall be filed with the a	ppropriate Forest Service Office.		!		nation and/or plans as ma	y oc required by the
			authorized	l office.		
CONFIDENTIA	L-TIGHT HOLE		<u></u>			Date
23. Signature	,	Naı	me (Printed/Typed	d) 	ober	11/15/2004
	amaches	l	VE	enessa Langma	iciici	
Title	To the Commo					
Authorized Agent for G	asco Production Compa	Na Na	me (Printed/Type	:d)		Date
Approve by (Signature)		1	(1 / / / / / / / / / / / / / / / / / /	•		08/23/20
Howard &	BULLET	Off	ice			
Title Assistant Field M		1				
Mineral Resou	v⁄o∕és		- aquitable title to	those rights in the	subject lease which would	l entitle the applicant to
Application approval does not w	varrant or certify that the applican	t holds legal o	r equitable title to	mose rights in the	oudjest	
conduct operations thereon.						
Conditions of approval, if any, a	re attached.			awingly and willfu	lly to make to any denartr	nent or agency of the
Title 18 U.S.C. Section 1001 and	1 Title 43 U.S.C. Section 1212, m	ake it a crime	tor any person kr	nowingly and williu thin its jurisdiction	ny to make to any depart	· · · · · · · · · · · · · · · · · ·
United States any false, fictitiou	s or fraudulent statements or repr	esentations as	to ally matter wit	PE	CEIVEU	

*(Instructions on reverse)

CONDITION DIV. OF OIL, GAS & MINING

NOS Reca 8/18/04

OCT 2-8 2005 A TACHED

COAs Page 1 of 5 Well No.: Federal 34-26-9-18

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

 Company/Operator:
 Gasco Production Company

 Well Name & Number:
 Federal 34-26-9-18

 Lease Number:
 U-19266

 Location
 SWSE Sec. 26 T.9S R. 18E

 API Number:
 43-047-36113

 Agreement:
 N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease that would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

1. <u>DRILLING PROGRAM</u>

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands to John Mayers of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

COAs Page 2 of 5 Well No.: Federal 34-26-9-18

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. <u>Pressure Control Equipment</u>

Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

3. Casing Program and Auxiliary Equipment

None

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

A Cement Bond Log will be required from production casing shoe to the intermediate casing.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well This submission will replace the requirement for submittal of paper logs to the BLM.

6. Notifications of Operations

None

7. Other Information

All off-lease storage, off-lease measurement, or commingling on lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

COAs Page 3 of 5 Well No.: Federal 34-26-9-18

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Matt Baker

(435) 828-4470

Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

COAs Page 5 of 5 Well No.: Federal 34-26-9-18

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt

The pipeline shall be buried within the identified construction width of an access corridor that contains the access road and pipelines. The operator may request in writing an exception to this COA. Exceptions to this COA may be include but are not limited to: laterally extensive, hard indurated bedrock, such as sandstone, which is at or within 2 feet of the surface; and, soil types with a poor history for successful rehabilitation. The exception request will be reviewed by the authorized officer (AO) and a determination made.

The operator shall notify the Authorized Officer (AO) in writing as to whether the pipe being used is new or used. If the pipe is used, the operator shall provide the AO an integrity test report for the used pipe prior to construction of the pipeline.

Backflow check valves shall be installed at the ends and the midpoint of the pipeline.

The maximum operating pressure allowed for this pipeline shall be 850 psi. A Waiver, Exception, or Modification (WEM) may be requested by the operator. A Sundry Notice (Form 3160-5) requesting the WEM will be sent to the Authorized Officer (AO) for consideration. Submitted information, at a minimum, should include: revised operating pressure; method of pipeline testing; maximum testing pressure; and the integrity testing program for pipeline life.

A pressure test at 130% of the maximum operating pressure shall be conducted for a 24 hour period. The operator shall notify the Authorized Officer (AO) 48 hours prior to conducting the test. The results of the test will be provided to the AO within 7 calendar days of the test completion.

The operator shall provide to the Authorized Officer (AO) an integrity testing program for the life of the pipeline within 30 calendar days of the approval date.

Prior to abandonment of a buried pipeline, the operator will obtain authorization from the appropriate regulatory agency. BLM will determine whether the pipeline and all above ground pipeline facilities shall be removed and unsalvageable materials disposed of at approved sites or abandoned in place. Reshaping and revegetation of disturbed land areas will be completed where necessary.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	npany:	GASCO	PRODUC	CTION C	<u>OMPAN</u>	IY	
Well Name:		SHEEP	WASH F	ED 34-26	-9-18		
Api No <u>:</u>	43-047-3611	3	Lea	ase Type:_	FED	ERAL	
Section 26	_Township_ <u>09</u>	SRange_	18EC	County	UIN	ITAH	
Drilling Con	tractor <u>CRA</u>	G'S ROUST	ABOUT S	SERV	_RIG #	RATHOLE	
SPUDDE		40.00					
	Date	12/06/05		-			
	Time	NOON	w.c	_			
	How	DRY		_			
Drilling wi	II Commend	:e:			· · · · ·		g,,
Reported by		JASON O	ERMIL	LER			
Telephone #		1-435-828-	7621				
Date 12	2/06/2005	Signed	СН	D			

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY		
	ALTERIAN	

Operator:

Gasco Energy, Inc

Operator Account Number: N 2575

Address:

8 Inverness Drive East, Suite 100

city Englewood

state Co

zip 80112

Phone Number: (303) 483-0044

Well 1

API Number	Wei	QQ	Sec	Twp	Rng	County	
4304736113	Sheep Wash Federa	34-26-9-18 SWSE 26 9S		18E	Uintah		
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	15096	1	2/6/200	5	12/	15/05
Comments: Spud Well BLKHK = MVRD				CON	IFIDE	ENTIA	LJ

Wall 2

API Number	Well Name		QQ	Sec	Twp	Rng	County	
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignmen Effective Date		
omments:								

Well 3

API Number	Weil I	lame	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ty Assignment fective Date
omments:			ļ <u>.</u>				

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Beverly Walker

Engineering Tech

12/12/2005

Title

RECEIVED

(5/2000)

DEC 1 2 2005



COMFIDENTIAL

JAN 1 3 2006

DIV. OF OIL, GAS & MINING

Division of Oil, Gas & Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801

Attn: Carol Daniels

Jan 11, 2006

Dear Ms Daniels:

Gasco Production Company will soon be drilling the Sheep Wash Federal 34-26-9-18, SWSE 26-9S-18E, Uintah County, Utah. The API Number for this well is 43-047-36113.

Gasco wishes to keep all information on this well CONFIDENTIAL for as long a period as possible.

Yours truly,

Robin Dean

Geological Manager

Gasco Energy, Inc.

Robin Dean



AFE Nº 40029 + 095 R18E 5-26 43-047-36113

	Vell: SWF 34-26-9-18					DDU 1111			12/06	1 - 0	41
Well: S				Oper:		DRILLING		Date: 03/		VECEDT.	
Depth:	12091'			D Hrs:		AV ROP:	4.4	Formation:		ESERT	00 000 644
DMC:	\$2,8	825	TMC:		\$117,468		TDC:	\$44,588			\$2,022,611
Contractor	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBL		INTA	NGIBLE CO	
MW:	10.3	Nº 1 P-10	00 3.5 gpm	Bit #:	8RR		Conductor:	\$ -	Loc,Cost:	- \$	
VIS:	46	SPM:	115	Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	14/18	Nº 2 P-10	00 3.5 gpm	Туре:	K503BPX		Int. Csg:	\$ -	Day Rate:	\$	
Gel:	12/36/46	SPM:		MFG:	STC		Prod Csg:	<u> </u>	Rental Tools:	\$	
WL:	16	GPM:	401	S/N:	JW3973		Float Equp:	<u> </u>	Trucking:	\$	<u>; </u>
Cake:	2/	Press:	1745	Jets:	TFA 1.2		Well Head:	\$ <u>-</u>	Water:	\$	<u>; </u>
Solids:	12.8	AV DP:	204	TD Out:			TBG/Rods:	\$ -	Fuel:		11,999
Sand:		AV DC:	336	Depth in:	11621		Packers:	\$ -	Mud Logger:		850
PH:	9.0	JetVel:	109	FTG:	470'		Tanks:	\$ -	Logging:		<u>-</u>
Pf/Mf:	.2/6.3	ECD:	10.69	Hrs:	103		Separator:	\$ -	Cement:	9	-
Chlor:	5000	SPR #1 :		FPH:	4.6		Heater:	\$ -	Bits:		1,638
Ca:	160	SPR #2 :	59-475	wов:	18-20		Pumping L/T:	\$ <u>-</u>	Mud Motors:		3,300
Dapp ppb:	5.1	Btm.Up:	57	R-RPM:	60		Prime Mover:	\$ -	Corrosion:		100
	Break De	own:	DOWN TIME	M-RPM:	405		Misc:	\$ -	Consultant:		\$ 900
START	END	TIME	62.5 HR	Tot Rot Hr:	495		Daily Total:	\$ -	Drilling Mud:		\$ 2,825
6:00	15:30	9:30			31' (44', 4.6 l	FPH).			Misc. / Labor:		\$ 3,600
15:30	16:00	0:30	T				AND HCR.		Csg. Crew:		\$
16:00	6:00	14:00			91' (60', 4.2				Daily Total:		\$ 44,588
									Cum. Wtr:		\$ 20,110
							-		Cum. Fuel	(\$ 138,069
						-			Cum. Bits:		\$ 31,958
										ВНА	
		<u> </u>			-				7-7/8' BIT	1	1.00
	 								1.0 MM (STAB)	1	33.23
		<u> </u>							IBS	1	4.90
	· · · · · ·	†							DC's	16	439.79
	 		<u> </u>				······				
	-		1								
					.	<u>.</u>					
 	 		1						TOTAL BHA	=	478.92
		 							Survey	31/4°	7763'
-	 	24.00	 						Survey	2°	10940'
D/II	240		LITH:	BLACKH!	AWK SS SI	H, COAL ST	RINGERS		BKG GAS		2000
P/U			FLARE:	10 FT - 1		., <u>00/12 01</u>			CONN GAS		2200
S/O_	220					SFT @	3558'		PEAK GAS		2700
								ļ	TRIP GAS		NA
ROT. FUEL	230 Used:	1444	LAST CS On Hand		8 5/8" 4488	SET @ Co.Man	3558' Scott Allred	l			



AFE Nº 40029 TO9S R/8E 5-26 43-041-36/13

W 11 C	SWF 34-26-9-18			Onor	ALLI	DRILLING	<u> </u>	Date: 03/		J 7 - JE	40
			400	Oper:	22.5		4.3			ESERT	
Depth:	11987'		100	D Hrs:	23.5	AV ROP:	4.3 TDC:	Formation: \$42,484	cwc:		\$1,937,312
DMC:	\$12,		TMC:		\$114,643		TANGIBL			NGIBLE C	
Contractor	Γ -	NABORS		Mud Co:	MI DRLG	FLUIDS					-
MW:	10.3			Bit#:	8RR		Conductor:	\$ - \$ -	Loc,Cost: Rig Move:		-
VIS:	45	SPM:	115	Size:	7-7/8		Surf. Csg:	· · · · · · · · · · · · · · · · · · ·			18,500
PV/YP:	14/17		00 3.5 gpm	Туре:	K503BPX		Int. Csg:		Day Rate:		1,876
Gel:	13/39/45			MFG:	STC		Prod Csg:		Rental Tools:		\$ 1,07 <u>0</u>
WL:	17.2	GPM:	401	S/N:	JW3973		Float Equp:	\$ -	Trucking:		\$ -
Cake:	1/	Press:	1745	Jets:	TFA 1.2	<u> </u>	Well Head:	\$	Water:		\$ -
Solids:	12	AV DP:	204	TD Out:		 	TBG/Rods:	\$ -	Fuel:		850
Sand:		AV DC:	336	Depth in:	11621		Packers:	\$ -	Mud Logger:		
PH:	9.0	JetVel:	109	FTG:	366'		Tanks:	<u> </u>	Logging:		-
Pf/Mf:	.2/6	ECD:	10.69	Hrs:	80		Separator:	\$ -	Cement:		- 4 600
Chlor:	5000	SPR #1 :	<u>-</u>	FPH:	4.6		Heater:	\$ -	Bits:		1,638
Ca:	160	SPR #2 :	5 <u>9-475</u>	WOB:	18-20		Pumping L/T:	<u> </u>	Mud Motors:		\$ 2,300
Dapp ppb:	5.1	Btm.Up:	57	R-RPM:	60		Prime Mover:	<u> </u>	Corrosion:		\$ 100
Time	Break D	own:	DOWN TIME	M-RPM:	405		Misc:	<u> </u>	Consultant:		\$ 900
START	END	TIME	62.5 HR	Tot Rot Hr:	472		Daily Total:	<u> </u>	Drilling Mud:		\$ 12,720
6:00	18:30	12:30	DRLG 11,	.887' <u>- 11,9</u>	<u>34' (47', 3.7</u>	FPH).	*****		Misc. / Labor:		\$ 3,600
18:30	19:00	0:30	RIG SER	VICE, TEST	ΓHYDRILL,	PIPE RAMS	AND HCR.		Csg. Crew:		\$ -
19:00	6:00	11:00	DRLG 11,	,934' - 11,9	87' (53', 4.8	FPH).			Daily Total:		\$ 42,484
							<u></u>		Cum. Wtr:		\$ 20,110
									Cum. Fuel		\$ 126,070
				<u>-</u>					Cum. Bits:		\$ 31,958
										BHA	
			DRILLING	MUD QUA	ALITY DETE	RIORATIO	N DUE TO HIG	H	7-7/8' BIT	1	1.00
			BACTER	A COUNTS	S, AND WIL	L/HAS RESI	ULT IN EXCES	SIVE	1.0 MM (STAB)	1	33.23
			MUD CO	ST TO COP	RECT THE	PROBLEM			IBS	1	4.90
									DC's	16	439.79
					-						
		†									
		-	<u>† </u>								
				. <u>.</u>	-				TOTAL BHA	=	478.92
					-				Survey	3¼°	7763'
	 	24.00	1						Survey	2°	10940'
P/U	230	<u> </u>	LITH:	BLACKH.	AWK, SS,SI	H, COAL ST	RINGERS		BKG GAS		2000
S/O	220		FLARE:	10 FT - 1					CONN GAS		3100
ROT.	21		LAST CS		8 5/8"	SET @	3558'		PEAK GAS		3600
			On Hand		3310	Co.Man			TRIP GAS		NA
FUEL	Used:	1444	On Hand	l:	3310	CO.Man	Scott Aireu		11111 0/10		



AFE Nº 40029 TORS RIBE 5-2643-047-36/13

Well: S	WF 34-2	6-9-18		Oper:		DRILLING	- / <i>U.D.</i>	Date: 03/	10/06			39
Depth:	11887'		91	D Hrs:	23	AV ROP:	4.0	Formation:	CAS	STLEG/	ATE	
DMC:	\$8,4	447	TMC:		\$101,923		TDC:	\$40,711	CWC:		\$1,	935,539
Contracto	r:	NABORS	611	Mud Co:	MI DRLC	FLUIDS	TANGIBL	E COST	INTA	NGIBLE C	OST	
MW:	10.5	Nº 1 P-10	00 3.5 gpm	Bit #:	8RR		Conductor:	\$ -	Loc,Cost:		\$	-
VIS:	43	SPM:	116	Size:	7-7/8		Surf. Csg:	<u> </u>	Rig Move:		\$	
PV/YP:	10/19	N° 2 P-10	00 3.5 gpm	Туре:	K503BPX		Int. Csg:	\$ -	Day Rate:		\$	18,500
Gel:	18/35/47	SPM:		MFG:	STC		Prod Csg:	\$ -	Rental Tools:		<u>\$</u>	1,876
WL:	26	GPM:	405	S/N:	JW3973		Float Equp:	\$ -	Trucking:		\$	
Cake:	2	Press:	1862	Jets:	TFA 1.2		Well Head:	\$ -	Water:		\$	2,500
Solids:	12	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:		\$	
Sand:		AV DC:	340	Depth In:	11621		Packers:	\$ -	Mud Logger:		\$	850
PH:	9.0	JetVel:	110	FTG:	266		Tanks:	<u>\$ -</u>	Logging:		\$	
Pf/Mf:	.2/5.4	ECD:	10.85	Hrs:	56		Separator:	\$ -	Cement:		\$	-
Chlor:	5000_	SPR #1 :		FPH:	4.8		Heater:	\$ -	Bits:		\$	1,638
Ca:	160	SPR #2 :	59-475	WOB:	18-20		Pumping L/T:	\$ -	Mud Motors:		\$	2,300
Dapp ppb:	4.9	Btm.Up:	56	R-RPM:	60		Prime Mover:	\$ -	Corrosion:		\$	100
Time	Break Do	own:	DOWN TIME	M-RPM:	405		Misc:	<u> </u>	Consultant:		\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	448		Daily Total:	\$ -	Drilling Mud:		\$	8,447
6:00	10:00	4:00	DRLG 11,	796' - 11,8	15' (19', 4.8	FPH).			Misc. / Labor:		\$	3,600
10:00	10:30	0:30	RIG SER	/ICE, TEST	HYDRILL,	PIPE RAMS	AND HCR.		Csg. Crew:		\$	-
10:30	14:30	4:00	DRLG 11,	815' - 11,8	31' (16', 4.0	FPH).			Daily Total:		\$	40,711
14:30	15:00	0:30	RIG REP	AIR - WOR	K ON WEIG	HT INCICAT	OR.		Cum. Wtr:		\$	20,110
15:00	6:00	15:00	DRLG 11,	831' - 11,8	87' (56 <u>',</u> 3.7	FPH).			Cum. Fuel		\$	126,070
							·		Cum. Bits:		\$	31,958
			DRILLING	MUD QUA	ALITY DETE	RIORATION	DUE TO HIG	Н	<u> </u>	BHA		
			BACTERI	A COUNTS	S, AND WILI	L/HAS RESU	JLT IN EXCES	SIVE	7-7/8' BIT	1		1.00
			MUD COS	ST TO COF	RECT THE	PROBLEM.	·		1.0 MM (STAB)	1		33.23
									IBS	1		4.90
								<u> </u>	DC's	16		439.79
								·				
				·								
					<u>.</u>							
							· · · · · · · · · · · · · · · · · · ·					
									TOTAL BHA	T		478.92
	ļ. <u></u>				<u> </u>				Survey	3¼°		7763'
		24.00							Survey	2°		10940'
P/U	230)	LITH:	CASTLEC	SATE SS				BKG GAS			2700
s/O	220)	FLARE:	10 FT - 1					CONN GAS	·		2400
ROT.	215	5	LAST CS	G	8 5/8"	SET @	3558'		PEAK GAS			2900
FUEL	Used:	1444	On Hand	:	3310	Co.Man	J DUNCAN		TRIP GAS			NA



AFE Nº 40029 TO95R18E 5-26 43-04236/13

Well: S	WF 34-2	6-9-18		Oper:		DRILLING	<i>7 07 5</i> 3	Date: 03/	09/06			38
Depth:	11796'	Prog:	99	D Hrs:	21_	AV ROP:	4.7	Formation:	CA	STLEGA	TE	
DMC:	\$3,0		TMC:		\$93,457		TDC:	\$29,146	CWC:		\$1,	894,828
Contractor	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBL	LE COST	INT	ANGIBLE C	OST	
MW:	10.5	Nº 1 P-10	00 3.5 gpm	Bit #:	8RR		Conductor:	\$	Loc,Cost:		\$	
VIS:	42	SPM:	116	Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:		\$	
PV/YP:	10/15	N° 2 P-10	00 3.5 gpm	Туре:	K503BPX		Int. Csg:	\$ -	Day Rate:		\$	18,500
Gel:	16/43/59	SPM:		MFG:	STC		Prod Csg:	\$ -	Rental Tools:		\$	1,876
WL:	36	GPM:	405	S/N:	JW3973		Float Equp:	\$ -	Trucking:		\$	
Cake:	2	Press:	1862	Jets:	TFA 1.2		Well Head:	\$ <u>-</u>	Water:		\$	-
Solids:	13	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:		\$	-
Sand:		AV DC:	340	Depth In:	11621		Packers:	\$ -	Mud Logger:		\$	850
PH:	9.0	JetVel:	110	FTG:	175		Tanks:	<u> </u>	Logging:		\$	
Pf/Mf:	.2/6	ECD:	10.85	Hrs:	33		Separator:	<u> </u>	Cement:		\$	
Chlor:	5000	SPR #1 :		FPH:	5.3		Heater:	\$	Bits:		\$	1,800
Ca:	120	SPR #2 :	59-475	WOB:	18-20		Pumping L∕T:	\$ -	Mud Motors:	<u>.</u>	\$	2,100
Dapp ppb:	5.1	Btm.Up:	56	R-RPM:	60		Prime Mover:	\$ -	Corrosion:		\$	100
Time	Break De	own:	DOWN TIME	M-RPM:	405		Misc:	\$ -	Consultant:		\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	448		Daily Total:	\$ -	Drilling Mud:		\$	3,020
6:00	15:00	9:00	DRLG 11,	697' - 11,7 _'	44' (47', 5.2	FPH).	-u		Misc. / Labor:		\$	
15:00	15:30	0:30	CIRC & C	OND HOLE	Ī				Csg. Crew:		\$	
15:30	23:30	8:00	DRLG 11	744' - 11,7	77' (33', 4.1	FPH).		<u></u>	Daily Total:		\$	29,146
23:30	2:00	2:30	BIT STUC	K DURING	CONNECT	ION (BIT S	TUCK @ 11,76	67'),	Cum. Wtr:	<u>-</u>	\$_	18,110
7			WORK PI	PE, CONT	INUE TO RO	OTATE STR	ING,		Cum. Fuel		\$	126,070
			PUMP PF	RESSURE 1	1780 PSI @	72 SPM W/	GOOD RETU	RNS,	Cum. Bits:		\$	28,520
			PIPE FRE	E						BHA		
2:00	6:00	4:00	DRLG 11	,777' - 11,7	96' (19', 4.8	FPH).			7-7/8' BIT	1		1.00
									1.0 MM	1 1		33.23
									IBS	1		4.90
								<u> </u>	DC's	16		439.79
	-		-									
	1										_	
	1								TOTAL BHA	=		478.92
*									Survey	3¼°		7763'
		24.00							Survey	2°	_	10940'
P/U	230)	LITH:	CASTLE	SATE SS				BKG GAS			2100
S/O	210		FLARE:	10 FT - 1	5 FT				CONN GAS			3100
ROT.	220		LAST CS	G.	8 5/8"	SET @	3558'		PEAK GAS			3100
FUEL	Used:	1718	On Hand		6472	Co.Man	J DUNCAN		TRIP GAS			NA



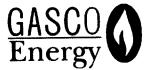
AFE Nº 40029 Togg RIBE 5-26 43-042-36/13

	Vell: SWF 34-26-9-18					DDULIN		P-16			-07%		
				Oper:		DRILLING		Date:			CT: 50		37 -
Depth:	11697'		76	D Hrs:	12	AV ROP:	6.3	Formatio			STLEG		
DMC:	\$2,0		TMC:		\$90,455		TDC:		35	CWC:			,865,682
Contractor	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBI			INTA	NGIBLE		<u> </u>
MW:	10.6	Nº 1 P-10	00 3.5 gpm	Bit #:	8RR		Conductor:	-	•	Loc,Cost:		\$	-
VIS:	45	SPM:	116	Size:	7-7/8		Surf. Csg:	\$ -	<u> </u>	Rig Move:		\$	-
PV/YP:	11/20	Nº 2 P-10	00 3.5 gpm	Туре:	K503BPX		Int. Csg:	\$ -	-	Day Rate:		\$	18,500
Gel:	16/40/51	SPM:		MFG:	STC		Prod Csg:	<u> \$ </u>	-	Rental Tools:		\$	1,876
WL:	28	GPM:	405	S/N:	JW3973		Float Equp:	\$ -		Trucking:	•••	\$	-
Cake:	2	Press:	1803	Jets:	TFA 1.2		Well Head:	<u> </u>	-	Water:		\$	-
Solids:	12	AV DP:	207	TD Out:			TBG/Rods:	\$ -	-	Fuel:		\$	11,900
Sand:		AV DC:	340	Depth in:	11621	-,	Packers:	\$ -	-	Mud Logger:		\$	850
PH:	9.0	JetVel:	110	FTG:	76		Tanks:	\$ -	•	Logging:		\$	
Pf/Mf:	.2/6.8	ECD:	11.27	Hrs:	12		Separator:	\$ ·	•	Cement:		\$	-
Chlor:	5000	SPR #1 :		FPH:	6.3		Heater:	\$		Bits:		\$	1,520
Ca:	180	SPR #2 :	62-585	WOB:	18		Pumping L/T:	\$		Mud Motors:		\$	1,200
Dapp ppb:	5.1	Btm.Up:	55	R-RPM:	60		Prime Mover:	\$	-	Corrosion:		\$	100
Time	Break Do	own:	DOWN TIME	M-RPM:	405		Misc:	\$	-	Consultant:		\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	427		Daily Total:	\$	-	Drilling Mud:		\$	2,089
6:00	9:00	3:00	TRIP IN H	OLE TO 35	i80'.		-			Misc. / Labor:		\$	-
9:00	9:30	0:30	CIRC & C	OND HOLE						Csg. Crew:		\$	
9:30	16:30	7:00	TRIP IN H	OLE TO 11	,531'.					Daily Total:		\$	38,935
16:30	18:00	1:30	WASH AN	ID REAM 1	1,531' - 11,6	621'.				Cum. Wtr:		\$	18,110
18:00	6:00	12:00	DRLG 11,	621' - 11,69	97' (73', 6.3	FPH).				Cum. Fuel		\$	126,070
				<u> </u>						Cum. Bits:		\$	28,520
											вна		
										7-7/8' BIT	1		1.00
										1.0 MM	1		33.23
						-				IBS	1		4.90
										DC's	16		439.79
				1010				***					
			1			******							
			1										
· · ·		<u> </u>								TOTAL BHA	=	-	478.92
										Survey	31/4°		7763'
		24 00				<u> </u>					2°		10940'
BILL	217	·	I ITH:	CASTLEC	ATE SS								2400
													2600
				******		SET @	3558'		-				7600
											<u>.</u>		7600
P/U S/O ROT. FUEL	217 205 212 Used:		LITH: FLARE: LAST CS On Hand			SET @	3558' J DUNCAN	4-10	1000	Survey Survey BKG GAS CONN GAS PEAK GAS TRIP GAS	 		10940 2400 2600 7600



AFE Nº 40029 TO95 RIBE 5-26 43-047-361/3

Well: S	SWF 34-2	6-9-18		Oper:		PU BHA	\	Date:	03/0	7/06		36
Depth:	11621'	Prog:	0	D Hrs:	12	AV ROP:	0.0	Formation	n:	MESA	VER	DE
DMC:	\$3,	353	TMC:		\$88,366		TDC:	\$27,2	89	CWC:	\$1	,826,747
Contract	or:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST		INTANGI	BLE C	OST
MW:	10.4	Nº 1 P-10	00 3.5 gpm	Bit #:	8RR		Conductor:	\$ -		Loc,Cost:	\$	-
VIS:	45	SPM:		Size:	7-7/8		Surf. Csg:	\$ -		Rig Move:	\$	
PV/YP:	10/20	№ 2 P-10	000 3.5 gpm	Туре:	K503BPX		Int. Csg:	\$		Day Rate:	\$	18,500
Gel:	15/47/55	SPM:	116	MFG:	STC		Prod Csg:	\$ -		Rental Tools:	\$	1,876
WL:	30	GPM:	405	S/N:	JW3973		Float Equp:	\$	·	Trucking:	\$	-
Cake:	2	Press:	1803	Jets:	TFA 1.2		Well Head:	\$ -		Water:	\$	-
Solids:	12	AV DP:	207	TD Out:	11621		TBG/Rods:	\$ -	. !	Fuel:	\$	
Sand:		AV DC:	340	Depth in:			Packers:	\$ -	.	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:			Tanks:	\$ -		Logging:	\$	
Pf/Mf:	.26.8	ECD:	10.83	Hrs:			Separator:	\$ -		Cement:	\$	-
Chlor:	5000	SPR #1 :		FPH:			Heater:	\$		Bits:	\$_	
Ca:	180	SPR #2 :	63-581	w ов:			Pumping L/T:	\$ -		Mud Motors:	\$	-
Dapp ppb	: 5.1	Btm.Up:	55	R-RPM:			Prime Mover:	\$ -		Corrosion:	\$	100
Tim	ne Break De	own:	DOWN TIME	M-RPM:			Misc:	\$		Consultant:	\$_	900
START	END	TIME	62.5 HR	Tot Rot Hr:	415		Daily Total:	\$ -		Drilling Mud:	\$	3,353
6:00	9:00	3:00	CIRC & C	OND HOLE	@ 7,000'.					Misc. / Labor:	\$	1,710
9:00	13:00	4:00	TRIP IN H	IOLE TO 10	0,600'.	<u>-</u>				Csg. Crew:	\$	
13:00	18:00	5:00	CIRC & C	OND HOLE	Ξ.					Daily Total:	\$	27,289
18:00	0:00	6:00	TRIP OUT	TO RETE	ST BOP & C	HOKE MAN	NIFOLD.			Cum. Wtr:	\$	18,110
0:00	1:00	1:00	PULL WE	AR BUSHI	NG, RIG UP	B&C QUIC	K TEST EQUI	PMENT.		Cum. Fuel	\$	114,170
1:00	4:30	3:30	PRESSU	RE TEST B	OP STACK,	CHOKE M	ANFOLD,			Cum. Bits:	\$	27,000
			KELLY &	SAFETY V	ALVES TO	5000 PSI - A	ALL OK.			В	НА	
4:30	6:00	1:30	PU BHA									
											<u> </u>	
			WEAR B	JSHING - C	OK.						ļ	
			STACK -	IS 1 1/2 IN	ICHES OFF	THE CENT	ER OF THE R	OTARY				
			TABLE TO	DRAW W	VORKS SIDI	E (CHECKE	D WITH PLUM	MB BOB).		<u> </u>	<u></u>	
			EMPTY E	LOCKS - L	EANING TO	V-DOOR	SIDE APPROX	2 INCHE	ES.		<u> </u>	
			WITH DE	RRICK FU	LL OF PIPE	, WILL REC	HECK ON BTI	M				
			ROTATIN	IG RUBBE	R - HAS BE	EN RAN 10	0% OF DRLLII	NG HRS.				
										TOTAL BHA	-	0.00
										Survey	3	%°@7763'
		24.00								Survey	2	°@10940'
P/U	220)	LITH:							BKG GAS		NA
S/O					25 FT - 40 FT BOTTOMS UP GAS					CONN GAS		NA
ROT.	216	3	LAST CS	G.	8 5/8"	SET @	3558'			PEAK GAS		NA
FUEL	Used:	- I DINGAN								TRIP GAS		9100



AFE Nº 40029 TO9S R 18E 5-26 43-042-36/13

	0/					1 40023	1010	· · · · · · · · · · · · · · · · · · ·			37- 30
Well: S	WF 34-2	6-9-18		Oper:	CIR	C & COND		Date: 03/	06/06	L	35
Depth:	11621'	Prog:	0	D Hrs:	12	AV ROP:	0.0	Formation:	MESA		
DMC:	\$2,	938	TMC:		\$85,012		TDC:	\$46,814	CWC:	\$1,	799,458
Contracto	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST	INTANGI		OST
MW:	103	Nº 1 P-10	00 3.5 gpm	Bit #:	7RR		Conductor:	\$ -	Loc,Cost:	\$	<u> </u>
VIS:	40	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$_	
PV/YP:	16/23	Nº 2 P-10	00 3.5 gpm	Туре:			Int. Csg:	_\$ -	Day Rate:	\$	18,500
Gel:	18/38/50	SPM:	116	MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	14	GPM:	405	S/N:	PB8564		Float Equp:	\$ -	Trucking:	\$	500
Cake:	1	Press:	1803	Jets:	3-18_		Well Head:	\$ -	Water:	\$	-
Solids:	5.3	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	
Sand:		AV DC:	404	Depth In:	11621		Packers:	\$ -	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:			Tanks:	\$ -	Logging:	\$	
Pf/Mf:	.1/5.5	ECD:	10.83	Hrs:			Separator:	\$ -	Cement:	\$	_
Chlor:	6500	SPR #1 :		FPH:			Heater:	<u> </u>	Bits:	\$	-
Ca:	160	SPR #2 :	63-581	WOB:			Pumping L/T:	\$	Mud Motors:	\$	1,150
Dapp ppb:	5	Btm.Up:	55	R-RPM:			Prime Mover:	\$ -	Corrosion:	\$	100
	e Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:			Daily Total:	\$ -	Drilling Mud:	\$	2,938
6:00	18:00	12:00	REPAIR	HOLE IN	SURFACE	CSG.			Misc. / Labor:	\$	20,000
18:00	21:00	3:00		COND HO					Csg. Crew:	\$	
21:00	0:00	3:00		ILL AND T					Daily Total:	\$	46,814
0:00	1:00	1:00	CHANGE	OUT BH	A. CHANG	E OUT W	AR BUSHIN	IG.	Cum. Wtr:	\$	18,110
1:00	5:00	4:00				AR FOR BO			Cum. Fuel	\$	114,170
5:00	6:00	1:00			LE @ 7,00				Cum. Bits:	\$	27,000
0.00	0.00	1							E	3HA	
	<u> </u>	-			·				7-7/8"		1.00
			WEAR F	BUSHING:					BS		2.20
	-	<u> </u>			ON OFF R	ATHOLE S	IDE OF HOL	.E.	16-6" DC'S		439.79
			1/2 44	AICT EXT	<u> </u>						
		 	<u> </u>								
				·							
	- 		 					-			
		 									
			 						TOTAL BHA	=	442.99
	ļ ———	<u> </u>	-						Survey	T	⁄4°@7763'
	1	24.00	 						Survey	+	°@10940'
<u> </u>									BKG GAS		NA
P/U	220		LITH:	451 001	<u> </u>				CONN GAS		NA
S/O	210			15' - 20'	0 51011	CET A	3558'		PEAK GAS		NA NA
ROT.	210		LAST CS		8 5/8"	SET @ Co.Man			TRIP GAS		2650
FUEL	Used:	1200	On Hand	i:	3549	Co.man	2 DONCAN		1131 040		



AFE Nº 40029 TO95 RIBE 5-26 43-049-36/13

Well: S\	II: SWF 34-26-9-18			Oper:		DRILLIN	<i>7 0 1</i> 0 G		04/06		33
Depth:	11563'		137	D Hrs:	24	AV ROP:	5.8	Formation:	MESA'	VER	DE
DMC:	\$1,6		TMC:		\$81,204		TDC:	\$27,106	CWC:	\$1,	728,399
Contractor	:	NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST	INTANGI	BLE C	OST
MW:	10.3	Nº 1 P-10	00 3.5 gpm	Bit #:	6		Conductor:	\$ -	Loc,Cost:	\$	
VIS:	45	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	17/22	Nº 2 P-10	00 3.5 gpm	Туре:	K503BPX		int. Csg:	\$ -	Day Rate:	\$_	18,500
Gel:	16/38/49	SPM:	115	MFG:	STC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	14	GPM:	381	S/N:	JW5037		Float Equp:	<u> </u>	Trucking:	\$	858
Cake:	2	Press:	1950	Jets:	TFA 1.2		Well Head:	\$ -	Water:	\$_	
Solids:	5.3	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	-
Sand:		AV DC:	340	Depth In:	11062		Packers:	\$	Mud Logger:	\$_	850
PH:	9.0	JetVel:	110	FTG:	501		Tanks:	\$	Logging:	\$	
Pf/Mf:	.1/5.6	ECD:	10.8	Hrs:	85		Separator:	\$ -	Cement:	\$	
Chlor:	6500	SPR #1 :	58-539	FPH:	5.9		Heater:	\$ <u>-</u>	Bits:	\$	
Ca:	160	SPR #2 :		WOB:	18-22		Pumping L/T:	\$ -	Mud Motors:	\$	2,350
Dapp ppb:	5.1	Btm.Up:	78	R-RPM:	65/381		Prime Mover:	\$ -	Corrosion:	\$	100
Time	Break De	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	403		Daily Total:	<u> </u>	Drilling Mud:	\$	1,672
6:00	15:00	9:00	DRLG_11	1426' - 114	188' (62', 6.	8 FPH).			Misc. / Labor:	\$	
15:00	15:30	0:30	RIG SEF	RVICE, TE	ST HYDRI	LL, PIPE R	AMS AND H	CR.	Csg. Crew:	\$	
15:30	6:00	14:30	DRLG 1	1488' - 115	63' (75', 5	2 FPH).			Daily Total:	\$	27,106
									Cum. Wtr:	\$	18,110
									Cum. Fuel	\$	114,170
									Cum. Bits:	\$	27,000
				-					В	HA	
									7-7/8" IMPREG		1.00
									1.0 MM		32.47
									STABILIZER		4.94
									16-6" DC'S		493.77
										ļ	
			(#2 MUE	PUMP M	OTOR IN	NEED OF I	REPLACEME	NT)		<u> </u>	
			(#2 DW	MOTOR II	N NEED O	F REPLAC	EMENT)				
			(BOTH (GENERAT	ORS IN N	ED OF R	EPLACEMEN	IT)	TOTAL BHA		532.18
									Survey	31	4°@7763'
									Survey	2	°@10940'
P/U	220)	LITH:	SS, SH					BKG GAS		1850
S/O	210)	FLARE:	10'-15'				·	CONN GAS		2300
ROT.	216	3	LAST CS	iG	8 5/8"	SET @	3558'		PEAK GAS		2300
FUEL	Used:	1231	On Hand):	5949	Co.Man	V GUINN		TRIP GAS		



AFE Nº 40029 TO95 RIBE 5-26 43-047 36113

Depth: 11426 Prog: 136	104 11 6	: SWF 34-26-9-18			Oper: DRILLING Date:							32
Month 1745				400	•	0.4					/EDF	
Contractor: NABORS Mud Co: MI DRIG FLUIDS TANGIBLE COST INTANGIBLE COST	Depth:				D Hrs:		AV ROP:	T		T		
Minor 10.3 N° 1 P-1000 3.5 gpm Bil # 6 Conductor: \$ Loc_Cost: \$ - VIS: 45 SPM: Size: 7-7/8 Surf. Csg: \$ Nig Move: \$ - Nig Move:	DMC:	\$3,6			<u> </u>							
No.	Contractor	·:	NABORS	· · · · · · · · · · · · · · · · · · ·	Mud Co:		FLUIDS	TANGIBL)51
PVPYP:	MW:	10.3	Nº 1 P-10	00 3.5 gpm	Bit #:							
	VIS:	45	SPM:		Size:	7-7/8		Surf. Csg:	·			40.500
Maintain	PV/YP:	17/22	Nº 2 P-10	00 3.5 gpm	Туре:							
Cake: 2 Press: 1950 Jets: TFA 1.2 Well Head: \$ - Water: \$ - Stand: Solids: 5.3 AV DP: 207 TD Out: TBG/Rods: \$ - Fuel: \$ - Stand: Sand: AV DC: 340 Depth Inc. 11062 Packers: \$ - Mud Logger: \$ 8-50 PH: 9.0 Jetviel: 110 FTG: 364 Tanks: \$ - Logging: \$ - 50 Chior: 6500 SRR #1: 58-539 FPH: 5.9 Heater: \$ - 8 lbs: \$ - 2,300 Ca: 160 SPR #2: WOB: 18-22 Pumping LT: \$ - Mud Motors: \$ 2,300 Dapp ppb: 5 Bits: \$ - Corrosion: \$ 100 TIME BREAK Down: 5000 NN TIME BRAPM: 65/381 Prime Mover: \$ - Corrosion: \$ 100 TIME BREAK Down: 500 DOWN TIME BRAPM: 65/381 Prime Mover: \$ - Corrosion: \$ 100 TIME BRAP Down: 500 TO 100 DRIG ST 1290'- 11297' (7'	Gel:	16/38/49	SPM:	115	MFG:			Prod Csg:			>	1,876
Solids: 5.3 AV DC: 207 TD Out: TBG/Rods: \$ - Fuel: \$ - Sand: AV DC: 340 Depth in: 11062 Packers: \$ - Mud Logger: \$ 850 PH: 9.0 let/vel: 110 FTG: 364 Tanks: \$ - Logging: \$ - Fiff. 110 FTG: 364 Tanks: \$ - Logging: \$ - Fiff. 110 FTG: 364 Tanks: \$ - Logging: \$ - Fiff. 110 FTG: 364 Tanks: \$ - Logging: \$ - Fiff. 110 FTG: 58-539 FPH: 5.9 PH: 5.9 P	WL:	14	GPM:	381	S/N:			Float Equp:		Trucking:		
Sand: AV DC: 340 Depth in: 11062 Packers: \$ - Mud Logger: \$ 850 PH: 9.0 JetVel: 110 FTG: 364 Tanks: \$ - Logging: \$ - P//MR: 1/5.1 ECD: 10.8 Hrs: 61.5 Separator: \$ - Cement: \$ - Ca: 160 SPR #1: 58-539 FPH: 5.9 Heater: \$ - Bits: \$ - Ca: 160 SPR #2: WOOB: 18-22 Pumping LT: \$ - Mud Motors: \$ 2,300 Dapp ppb: 5 Bits Up: 75 R.RPM: 65/381 Prime Break Down: \$ 100 START END TIME 62.5 HR Tot Rot Hr: 379.5 Daily Total: \$ - Drilling Mud: \$ 3,676 6:00 7:00 1:00 DRLG 11290' - 11297' (7', 7.0 FPH). 7:00 7:30 0:30 RIG SERVICE, TEST HYDRILL, PIPE RAMS AND HCR. 7:30 6:00 22:30 DRLG 11297' - 11426' (29', 5.7 FPH). Cum. Fuel \$ 114,170 Cum. Fuel \$ 114,170 Cum. Bits: \$ 27,000 BHA 7:7/6' IMPREG 1.00 1.0 MM 32.4* (#2 MUD PUMP MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) FUU 220 LITH: SS, SH BKG GAS 1500 FON GAS 2500	Cake:	_2	Press:	1950	Jets:	TFA 1.2		Well Head:		Water:		
Sand: 9.0 947 9.0 977 978 97	Solids:	5.3	AV DP:	207	TD Out:			TBG/Rods:		Fuel:		-
Prime	Sand:		AV DC:	340	Depth In:	11062		Packers:		Mud Logger:		850
Frink	PH :	9.0	JetVel:	110	FTG:	364		Tanks:		Logging:		-
Solid	Pf/Mf:	.1/5.1	ECD:	10.8	Hrs:	61.5		Separator:		Cement:		-
Service Serv	Chlor:	6500	SPR #1 :	58-539	FPH:	5.9		Heater:	<u> </u>	Bits:		-
Time Break Down Down Time M-RPM E25 RR Tot Rot Hr: 379.5 Doily Total: \$ - Drilling Mud: \$ 3,676	Ca:	160	SPR #2 :		WOB:	18-22		Pumping L/T:		Mud Motors:		
START	Dapp ppb:	5	Btm.Up:	75	R-RPM:	65/381		Prime Mover:		Corrosion:		
6:00 7:00 1:00 DRLG 11290' - 11297' (7', 7.0 FPH).	Time	Break D	own:	DOWN TIME	M-RPM:			Misc:		Consultant:		
7:00 7:30 0:30 RIG SERVICE, TEST HYDRILL, PIPE RAMS AND HCR. 7:30 6:00 22:30 DRLG 11297 - 11426' (29', 5.7 FPH). Daily Total: \$ 28,202	START	END	TIME	62.5 HR	Tot Rot Hr:	379.5		Daily Total:	\$ -	Drilling Mud:	\$	3,676
7:30 6:00 22:30 DRLG 11297' - 11426' (29', 5.7 FPH). Daily Total: \$ 28,202	6:00	7:00	1:00_	DRLG 11	<u> 112</u>	<u>97' (7', 7.0</u>	FPH).			Misc. / Labor:		
Cum. Wtr: \$ 18,110 Cum. Fixel \$ 114,170 Cum. Bits: \$ 27,000 BHA 7-7/8" IMPREG 1.00 DOG SUB 1.00 1.0 MM 32,4* STABILIZER 4.9* 16-6" DC'S 493.7" (#2 MUD PUMP MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) TOTAL BHA = 533.4* Survey 3%*@7763* Survey 2*@10940* P/U 220 LITH: SS, SH BKG GAS 1500 P/U 220 LITH: SS, SH SIVERY 2*@10940* SIVERY 2*@10940* SIVERY 2*@10940* SIVERY 3** SIVERY	7:00	7:30	0:30	RIG SEF	VICE, TE	ST HYDRII	L, PIPE R	AMS AND H	CR.	Csg. Crew:		-
Cum. Fuel \$ 114,170 Cum. Bits: \$ 27,000 BHA 7-7/8" IMPREG 1.00 DOG SUB 1.00 1.0 MM 32.4* STABILIZER 4.9* 16-6" DC'S 493.7" (#2 MUD PUMP MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) TOTAL BHA = 533.1* Survey 3½°@7763* Survey 2°@10940' P/U 220 LITH: SS, SH BKG GAS 1500 P/U 220 LITH: SS, SH BKG GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558* PEAK GAS 2500	7:30	6:00	22:30	DRLG 1	1297' - 114	126' (29', 5.	7 FPH).			Daily Total:	\$	28,202
Cum. Bits: \$ 27,000								·		Cum. Wtr:	\$_	18,110
BHA						==-				Cum. Fuel		114,170
7-7/8" IMPREG 1.00 DOG SUB 1.00 1.0 MM 32.41 STABILIZER 4.94 16-6" DC'S 493.7" (#2 MUD PUMP MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) TOTAL BHA = 533.11 Survey 3½°@7763' Survey 2°@10940' P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500										Cum. Bits:	\$	27,000
DOG SUB 1.00										В	HA	
1.0 MM 32.41 STABILIZER 4.94 16-6" DC'S 493.7" (#2 MUD PUMP MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) Survey 3½°@7763' Survey 2°@10940' P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500										7-7/8" IMPREG		1.00
STABILIZER 4.94 16-6" DC'S 493.7"										DOG SUB		1.00
16-6" DC'S 493.7" 16-6" DC'S 493.7"							· <u> </u>		. <u>.</u>	1.0 MM		32.47
(#2 MUD PUMP MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) Survey 3¼°@7763' Survey 2°@10940' P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500										STABILIZER	ļ	4.94
(#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) Survey 3½°@7763' Survey 2°@10940' P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500										16-6" DC'S	<u> </u>	493.77
(#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) Survey 3½°@7763' Survey 2°@10940' P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500										<u> </u>		
(#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) Survey 3½°@7763' Survey 2°@10940' P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500				(#2 MUE	PUMP M	OTOR IN I	NEED OF I	REPLACEME	NT)		<u> </u>	
BOTH GENERATORS IN NEED OF REPLACEMENT)				· · · · · · · · · · · · · · · · · · ·							<u> </u>	
P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500									IT)	TOTAL BHA	:	533.18
P/U 220 LITH: SS, SH BKG GAS 1500 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500										Survey	31/4	°@7763'
P/O 220 EITH. 35, 311 S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500		t								Survey	2°	@10940'
S/O 210 FLARE: 10'-15' CONN GAS 2500 ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500	P/U	220)	LITH:	SS, SH					BKG GAS		1500
ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 2500										CONN GAS		2500
TRID CAS						8 5/8"	SET @	3558'		PEAK GAS		2500
IFUEL Used: 0 On hand: 4091 Co.Mail V Control 11.00 Co.	FUEL	Used:	0	On Hand		4091	Co.Man	V GUINN		TRIP GAS		



AFE Nº 40029 TO9S RIBE 5-26 43-047-3613

144.11 51	Vell: SWF 34-26-9-18			Oper: DRILLING Date:					02/06		31
				•					MESA'	/ED	
Depth:	11290'		148	D Hrs:	23	AV ROP:	6.4	Formation:	CWC:		673,041
DMC:	\$1,2		TMC:		\$75,856		TDC:		INTANGI		
Contractor		NABORS		Mud Co:		FLUIDS		_E COST		\$	031
MW:	10.2		00 3.5 gpm	Bit #:	6		Conductor:	<u>\$ -</u> \$ -	Loc,Cost:	<u>Ψ</u> \$	
VIS:	52	SPM:		Size:	7-7/8		Surf. Csg:		Rig Move:		18,500
PV/YP:	18/21		00 3.5 gpm	Туре:	K503BPX		Int. Csg:	<u>\$ -</u> \$ -	Day Rate:	<u>\$</u> \$	1,876
Gel:	15/42/51		115	MFG:	STC		Prod Csg:		Rental Tools:		1,301
WL:	14	GPM:	381	S/N:	JW5037		Float Equp:	\$ -	Trucking:	\$	3,023
Cake:	2	Press:	1950	Jets:	TFA 1.2	<u></u>	Well Head:	<u> </u>	Water:	\$	3,023
Solids:	5	AV DP:	207	TD Out:			TBG/Rods:	<u> </u>	Fuel:	\$	850
Sand:		AV DC:	340	Depth In:	11062		Packers:	<u>\$ -</u>	Mud Logger:	\$_	650
PH :	9.0	JetVel:	110	FTG:	228		Tanks:	<u>\$ -</u>	Logging:	\$	
Pf/Mf:	.2/6.2	ECD:	10.7	Hrs:	38		Separator:	\$ -	Cement:	\$	
Chlor:	6000	SPR #1 :	64-650	FPH:	6.0	<u> </u>	Heater:	<u>\$ -</u>	Bits:	\$	
Ca:	160	SPR #2 :		WOB:	18-20		Pumping L/T:	<u> </u>	Mud Motors:	\$	2,300
Dapp ppb:	4.7	Btm.Up:	75	R-RPM:	65/381		Prime Mover:	<u> </u>	Corrosion:	\$	100
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	<u> </u>	Consultant:	\$	900
START	END	TIME		Tot Rot Hr:	356	<u> </u>	Daily Total:	<u> </u>	Drilling Mud:	\$	1,239
6:00	11:00	5:00			70' (28', 5.				Misc. / Labor:	\$	1,197
11:00	11:30	0:30					AMS AND H	CR.	Csg. Crew:	\$	
11:30	2:30	15:00	DRLG 1	1170' - 112	266' (96', 6.	4 FPH).			Daily Total:	\$	31,286
2:30	3:00	0:30	RIG SEF					 	Cum. Wtr:	\$	18,110
3:00	6:00	3:00	DRLG 1	<u> 1266' - 112</u>	290' (24', 8.	0 FPH).		4	Cum. Fuel	\$	114,170
									Cum. Bits:	\$	27,000
										HA	
				·	·				7-7/8" IMPREG	<u> </u>	1.00
									DOG SUB		1.00
									1.0 MM		32.47
									STABILIZER		4.94
		<u> </u>							16-6" DC'S		493.77
								<u>.</u>			
			(#2 MUE	PUMP M	OTOR IN I	NEED OF I	REPLACEME	NT)			
			(#2 DW	MOTOR II	NEED O	F REPLAC	EMENT)				
			(ВОТН С	SENERAT	ORS IN N	EED OF RI	EPLACEMEN	IT)	TOTAL BHA	-	533.18
									Survey	31	4°@7763'
									Survey	2°	'@10940'
P/U	245	 5	LITH:	SS, SH					BKG GAS		2000
S/O	205	5	FLARE:	10'-15'					CONN GAS		2800
ROT.					8 5/8"	SET @	3558'		PEAK GAS		2900
FUEL	Used:	1461	On Hand	l:	4091	Co.Man	V GUINN		TRIP GAS		



AFE Nº 40029 TO93 R 18E 5-26 43-047-361/3

Well: S	WF 34-2	6-9-18		Oper:		DRILLIN	G	Date: 03/	01/06		30
Depth:	11142'	Prog:	80	D Hrs:	15	AV ROP:	5.3	Formation:	MESA	√ER	DE
DMC:	\$1,4	440	TMC:		\$74,617		TDC:	\$28,189	CWC:	\$1,	641,956
Contractor	•	NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST	INTANGI	BLE C	OST
MW:	10	Nº 1 P-100	00 3.5 gpm	Bit #:	6		Conductor:	\$ -	Loc,Cost:	\$	-
VIS:	47	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	14/20	N° 2 P-10	00 3.5 gpm	Туре:	K503BPX		Int. Csg:	\$ -	Day Rate:	\$	18,500
Gel:	15/38/44	SPM:	115	MFG:	STC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	14	GPM:	381	S/N:	JW5037		Float Equp:	\$ -	Trucking:	\$	-
Cake:	1	Press:	1950	Jets:	TFA 1.2		Well Head:	\$ -	Water:	\$	3,023
Solids:	5	AV DP:	25	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	
Sand:		AV DC:	340	Depth In:	11062		Packers:	\$ -	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	80		Tanks:	\$ -	Logging:	\$	
Pf/Mf:	.2/6.2	ECD:	10.4	Hrs:	15		Separator:	\$	Cement:	\$	
Chlor:	5000	SPR #1 :	64-650	FPH:	5.3		Heater:	\$ -	Bits:	\$	
Ca:	160	SPR #2 :		WOB:	18-20		Pumping L/T:	\$ -	Mud Motors:	\$	1,500
Dapp ppb:	5.2	Btm.Up:	75	R-RPM:	65/381		Prime Mover:	\$ -	Corrosion:	\$	100
Time	Break Do	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	333		Daily Total:	\$ -	Drilling Mud:	\$	1,440
6:00	8:00	2:00	TIH						Misc. / Labor:	\$	<u>-</u>
8:00	9:00	1:00	CIRC, M	X AND PL	JMP PILL				Csg. Crew:	\$	-
9:00	11:00	2:00	POOH F	OR DP SC	CREEN				Daily Total:	\$	28,189
11:00	14:00	3:00	TIH						Cum. Wtr:	\$	18,110
14:00	15:00	1:00	WASH A	ND REAM	1 90' TO BT	ГМ			Cum. Fuel	\$	114,170
15:00	6:00	15:00	DRLG 11	1062' - 111	142' (80', 5.	3 FPH).			Cum. Bits:	\$	27,000
									В	HA	
									7-7/8" IMPREG		1.00
									DOG SUB		1.00
				_					1.0 MM		32.47
									STABILIZER		4.94
									16-6" DC'S		493.77
			(#2 MUD	PUMP M	OTOR IN	NEED OF F	REPLACEME	NT)		<u> </u>	
			(#2 DW	MOTOR II	NEED O	F REPLAC	EMENT)				
			(ВОТН С	SENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	TOTAL BHA		533.18
-									Survey	3½	4°@7763'
									Survey	2°	@10940'
P/U	225	5	LITH:	SS, SH					BKG GAS		1450
S/O	215		FLARE:	10'-15'					CONN GAS		1500
ROT.	210		LAST CS	G.	8 5/8"	SET @	3558'		PEAK GAS	.,	
FUEL	Used:	1445	On Hand		6984	Co.Man	V GUINN		TRIP GAS		



AFE Nº 40029 TO9S RIBE 5-26 43-042-36/13

				Oper: TIH W/ BIT #6 Date: 02/28/06						29		
Well: S				Oper:		IH W/ BIT		 				
Depth:	11062'		34	D Hrs:	8	AV ROP:	4.3	Formation:	MESA			
DMC:	\$2,	581	TMC:		\$73,178		TDC:	\$38,044	CWC: \$1,611,6		,611,617	
Contractor	r:	NABORS		Mud Co:	MI DRLG		TANGIBL		INTANGI		OST	
MW:	10	Nº 1 P-10	00 3.5 gpm	Bit #:	5	6	Conductor:	<u> </u>	Loc,Cost:	\$		
VIS:	47	SPM:		Size:	7-7/8	7-7/8	Surf. Csg:	\$ -	Rig Move:	\$		
PV/YP:	14/18	Nº 2 P-10	00 3.5 gpm	Туре:	HE654G	K503BPX	Int. Csg:		Day Rate:	\$	18,500	
Gel:	13/37/44	SPM:	110	MFG:	HTC	STC	Prod Csg:	<u> </u>	Rental Tools:	\$	1,876	
WL:	14	GPM:	365	S/N:	7110114	JW5037	Float Equp:		Trucking:	\$		
Cake:	1	Press:	1950	Jets:	TFA 1.3	TFA 1.2	Well Head:	\$ -	Water:	\$_		
Solids:	4.5	AV DP:	25	TD Out:	11062		TBG/Rods:	<u> </u>	Fuel:	\$	12,337	
Sand:		AV DC:	340	Depth In:	10918	11062	Packers:	\$ -	Mud Logger:	\$	850	
PH:	9.0	JetVel:	110	FTG:	144		Tanks:	\$ -	Logging:	\$		
Pf/Mf:	.2/6.2	ECD:	10.4	Hrs:	37.5		Separator:	\$ -	Cement:	\$		
Chlor:	5000	SPR #1 :	63-573	FPH:	3.8		Heater:	\$ -	Bits:	\$		
Ca:	160	SPR #2 :		wов:	16		Pumping L/T:	<u> </u>	Mud Motors:	\$	900	
Dapp ppb:	5.2	Btm.Up:	89	R-RPM:	75/343		Prime Mover:	<u> </u>	Corrosion:	\$	100	
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900	
START	END	TIME	62.5 HR	Tot Rot Hr:	318		Daily Total:	\$ -	Drilling Mud:	\$	2,581	
6:00	14:00	8:00	DRLG 11	1028' - 110	62' (34', 4.	3 FPH).			Misc. / Labor:	\$	-	
14:00	17:00	3:00	MIX AND	PUMP P	ILL, BLOW	Csg. Crew:	\$_	-				
17:00	22:30	5:30	POOH F	OR BIT #6	B, BIT TOR	QUING UF) 		Daily Total:	\$	38,044	
22:30	23:00	0:30	CHANG	OUT BIT					Cum. Wtr:	\$	15,087	
23:00	0:30	1:30	TIH TO	3437'					Cum. Fuel	\$	114,170	
0:30	1:00	0:30	INSTALL	ROT. HD	. RUBBER				Cum. Bits:	\$	27,000	
1:00	2:00	1:00	CIRC OI	JT GAS						HA		
2:00	3:30	1:30	SLIP AN	D CUT 11	0' DRLG L	INE			7-7/8" IMPREG	_	1.00	
3:30	6:00	2:30	CIRC OU	T GAS				<u></u>	DOG SUB		1.00	
									1.0 MM		32.47	
									STABILIZER		4.94	
		1							16-6" DC'S	_	493.77	
										<u> </u>		
			(#2 MUE	PUMP M	OTOR IN	NEED OF I	REPLACEME	NT)				
		1				F REPLAC				$oldsymbol{ol}}}}}}}}}}}}}}}}}$		
					ORS IN N	TOTAL BHA	=	533.18				
			,	···, ·· · · ·					Survey	3	¼°@7763'	
-	-								Survey	2	°@10940'	
P/U	22	5	LITH:	SS, SH					BKG GAS		1450	
S/O	21		FLARE:	10'-15'	·				CONN GAS		1500	
ROT.	210		LAST CS		8 5/8"	SET @	3558'		PEAK GAS			
FUEL	Used:	1445	On Hand		6984	Co.Man			TRIP GAS			
FUEL	oscu.	1440										



AFE Nº 40029 TO9S R 18E S-26 43-041-36113

Well: S	WF 34-2	6-9-18		Oper:		DRILLIN	G	Date:	02/2		28	
Depth:	11028'	Prog:	9	D Hrs:	3	AV ROP:	3.6	Formatio	n:	MESA'	√ER	DE
DMC:			TMC:		\$70,596		TDC:	\$31,2	39	CWC:	\$1,573,573	
Contractor		NABORS	3	Mud Co:	MI DRLC	FLUIDS	TANGIBLE COST			INTANGIBLE COST		OST
MW:	10	Nº 1 P-10	00 3.5 gpm	Bit #:	5		Conductor:	\$ ·	-	Loc,Cost:	\$	-
VIS:	45	SPM:		Size:	7-7/9		Surf. Csg:	\$ -	-	Rig Move:	\$	-
PV/YP:	14/18	N° 2 P-10	00 3.5 gpm	Туре:	HE654G		Int. Csg:	\$	-	Day Rate:	\$	18,500
Gel:	13/37/44	SPM:	115	MFG:	HTC		Prod Csg:	\$ -	-	Rental Tools:	\$	1,876
WL:	14	GPM:	381	S/N:	7110114		Float Equp:	\$ -	•	Trucking:	\$	1,368
Cake:	1	Press:	1760	Jets:	TFA 1.3		Well Head:	\$ -	-	Water:	\$	<u>-</u>
Solids:	4.5	AV DP:	25	TD Out:			TBG/Rods:	\$	-	Fuel:	\$	<u> </u>
Sand:		AV DC:	340	Depth In:	10918		Packers:	\$	-	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	138		Tanks:	\$		Logging:	\$	-
Pf/Mf:	.2/4.8	ECD:	10.4	Hrs:	29.5		Separator:	\$.		Cement:	\$	
Chlor:	5000	SPR #1 :	63-573	FPH:	4.7		Heater:	\$	-	Bits:	\$	
Ca:	160	SPR #2 :		WOB:	20		Pumping L/T:	\$	-	Mud Motors:	\$	900
Dapp ppb:	4.5	Btm.Up:	89	R-RPM:	65/343		Prime Mover:	\$	-	Corrosion:	\$	100
Time	Break De	own:	DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	310		Daily Total:	\$		Drilling Mud:	\$	2,088
6:00	14:00	8:00	FINISH T	ООН						Misc. / Labor:	\$_	4,657
14:00	22:00	8:00	CHANGE	OUT MM	AND TIH	TO 5130'				Csg. Crew:	\$	
22:00	19:30	21:30	CIRC. O	UT GAS						Daily Total:	\$	31,239
19:30	21:30	2:00	TIH LAYI	NG DOW	N 924'S DI	D				Cum. Wtr:	\$	15,087
21:30	22:30	1:00	CIRC. O	UT GAS						Cum. Fuel	\$	101,833
22:30	23:30	1:00	TIH LAYI	NG DOW	N 924'S DI	<u> </u>				Cum. Bits:	\$	27,000
23:30	0:00	0:30	LAYDOV	VN PIPE S	PINNERS	BARROW	ED FROM 27	70		В	HA	
0:00	0:30	0:30	PU 9 JTS	S. DP						7-7/8" PDC	<u> </u>	1.00
0:30	3:30	3:00	WASH AN	ND REAM 1	10' TO BTM	1				DOG SUB		1.00
3:30	6:00	2:30	DRLG 11	1019' - 110	28' (9', 3.6	FPH).				1.0 MM		32.47
										STABILIZER	_	4.94
					·					16-6" DC'S	<u> </u>	493.77
			(#2 MUD	PUMP M	OTOR IN I	NEED OF F	REPLACEME	NT)		-	<u> </u>	
			(#2 DW	MOTOR IN	NEED O			<u> </u>				
			(BOTH C	TH GENERATORS IN NEED OF REPLACEMENT)							= 533.18	
										Survey	_	4°@7763'
					<u> </u>					Survey	2°	°@10940'
P/U_	240)	LITH:	SS, SH						BKG GAS		1450
S/O	205	<u> </u>	FLARE:	10'-15'						CONN GAS		1500
ROT.	218	B	LAST CS	G	8 5/8"	SET @	3558'			PEAK GAS		7300
FUEL	Used:	1581	On Hand	•	3929	Co.Man	V GUINN			TRIP GAS		7300



AFE Nº 40029 TO93 R18ES-26 43-47-36113

Well: S	NF 34-2	6-9-18		Oper:	PF	REP TO P	00H	Date: 02	/26/06		27	
Depth:	11019'	Prog:	101	D Hrs:	23	AV ROP:	4.4	Formation:	MESA	VER	DE	
DMC:	\$1,		TMC:		\$68,508		TDC:	\$24,713	cwc:	\$1	,544,249	
Contractor		NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL	LE COST	INTANGIBLE COST			
MW:	10	Nº 1 P-10	00 3.5 gpm	Bit #:	5		Conductor:	\$ -	Loc,Cost:	\$	-	
VIS:	45	SPM:		Size:	7-7/9		Surf. Csg:	\$ -	Rig Move:	\$	-	
PV/YP:	14/18	N° 2 P-10	00 3.5 gpm	Туре:	HE654G		Int. Csg:	\$ -	Day Rate:	\$_	18,500	
Gel:	13/37/44	SPM:	115	MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$	1,876	
WL:	14	GPM:	381	S/N:	7110114		Float Equp:	\$	Trucking:	\$		
Cake:	1	Press:	2050	Jets:	TFA 1.3		Well Head:	\$ -	Water:	\$	<u> </u>	
Solids:	4.5	AV DP:	25	TD Out:			TBG/Rods:	<u> </u>	Fuel:	\$		
Sand:		AV DC:	340	Depth In:	10918		Packers:	\$ -	Mud Logger:	\$	850	
PH:	9.0	JetVel:	110	FTG:	129		Tanks:	<u> </u>	Logging:	\$	-	
Pf/Mf:	.2/5.9	ECD:	10.4	Hrs:	26.5		Separator:	\$ -	Cement:	\$		
Chlor:	6000	SPR #1 :	63-573	FPH:	4.9		Heater:	\$	Bits:	\$		
Ca:	5.1	SPR #2 :		WOB:	20		Pumping L/T:	\$ -	Mud Motors:	\$	900	
Dapp ppb:	4.7	Btm.Up:	52	R-RPM:	50/343		Prime Mover:	\$ -	Corrosion:	\$	100	
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900	
START	END	TIME	62.5 HR	Tot Rot Hr:	310		Daily Total:	\$ -	Drilling Mud:	\$	1,587	
6:00	18:00	12:00	DRLG 10	918' - 109	74' (56', 4.	7 FPH).			Misc. / Labor:	\$		
18:00	19:00	1:00	RIG SER	VICE, TE	ST HYDRII	LL, PIPE R	AMS AND H	CR.	Csg. Crew:	\$_		
19:00	5:30	10:30	DRLG 10	974' - 110	19' (45', 4.	2 FPH).	·		Daily Total:	\$	24,713	
5:30	6:00	0:30	PUMPE	PILL ANI	D BLOWD	OWN KELI	_Y		Cum. Wtr:	\$	15,087	
									Cum. Fuel	\$	101,833	
			(#2 MUD	PUMP M	OTOR IN	NEED OF F	REPLACEME	NT)	Cum. Bits:	\$	27,000	
			(#2 DW I	MOTOR IN	NEED O	REPLAC	EMENT)		E	HA		
			(вотн с	SENERAT	ORS IN NE	ED OF RE	PLACEMEN	IT)	7-7/8" PDC	<u> </u>	1.00	
			(#1 MUD	PUMP IN N	EED OF RE	PLACEME	NT)		DOG SUB		1.00	
			ONE AIR	TUGGERS	OUT				.9 MM	ļ	32.66	
									STABILIZER		4.94	
									16-6" DC'S		493.77	
										_		
						<u></u>				<u>l</u> .		
									TOTAL BHA	$\overline{}$	533.37	
							· · ·		Survey	_	3°@6807'	
			<u></u>						Survey	3	½°@7763'	
P/U	250)	LITH:	SS, SH			····		BKG GAS		320	
S/O	205	5	FLARE:	PERIODIC 10'					CONN GAS	CONN GAS 460		
ROT.	218	3	LAST CS	G	8 5/8"	SET @	3558'		PEAK GAS			
FUEL	Used:	1581	On Hand	:	5020	Co.Man	V GUINN		TRIP GAS			



AFE Nº 40029 Togs RIGE 5-26 43-047-361/3

Gel: 13/37/44 SPM: 115 MFG: HYC HTC Prod Cag: \$ - Rental Tools: \$ 1.8 ML: 13.2 GPM: 381 S/N: 110949 7110114 Float Equp: \$ - Trucking: \$ - Rental Tools: \$ 1.8 ML: 13.2 GPM: 381 S/N: 110949 7110114 Float Equp: \$ - Trucking: \$ - Rental Tools: \$ - Re	Well: S	WF 34-2	6-9-18		Oper:		DRILLIN	<i>7 0 10</i> G	Date: 02/			26	
DMC: \$2,264 TMC; \$66,921 TDC: \$46,777 CWC: \$1,519,5:	Depth:	10918'	Prog:	28	D Hrs:	8	AV ROP:	3.7	Formation:	MESA	VER	DE	
NABORS				1		\$66,921		TDC:	\$46,777	cwc:	\$1	,519,536	
VIS:				3	Mud Co:	MI DRLG	FLUIDS	TANGIBI	E COST	INTANGI	BLE (оѕт	
PVIVP: 18/19 N*2 P-1000 3.5 gpm Type: DSX299 HE654G Int. Cag: \$ - Day Rate: \$ 18,5	MW:	10.1	Nº 1 P-10	000 3.5 gpm	Bit #:	4	5	Conductor:	\$ -	Loc,Cost:	\$	-	
Gel: 13/37/44 SPM: 115 MFG: HYC HTC Prod Ceg: \$ - Rental Tools: \$ 1.8 ML: 13.2 GPM: 381 S/N: 110949 7110114 Float Equp: \$ - Trucking: \$ - Cake: 4.8 Press: 1860 Jets: 6-16'S TFA 1.3 Well Head: \$ - Water: \$ - Solids: 4 A VDP: 25 TO Out: 10918 TBG/Rods: \$ - Fuel: \$ 18.6 Sand: AV DC: 340 Depth In: 10582 10918 Packers: \$ - Mud Logger: \$ 8 SANd: 27/6 SPM: \$ 10.6 Hrs: 40 3.5 Separator: \$ - Cement: \$ - Cake: 10.6 Hrs: 40 3.5 Separator: \$ - Cement: \$ - Cake: 10.6 Hrs: 40 3.5 Separator: \$ - Cement: \$ - Cake: 10.6 SPM: 25 R.RPM: 45/50 50/343 Prime Mover: \$ - Cornsultant: \$ 9 START END TIME Sc.5 HR TO Rot Hr: 283.5 287 Daily Total: \$ - Drilling Mud: \$ 2.2 Gel: 10.0 PUMPED PILL AND BLOWDOWN KELLY Ceg. Crew: \$ - Cam. Wir: \$ - Caye. Crew:	VIS:	51	SPM:		Size:	7-7/8	7-7/9	Surf. Csg:	\$	Rig Move:	\$_	-	
Williams	PV/YP:	18/19	Nº 2 P-10	000 3.5 gpm	Туре:	DSX299	HE654G	Int. Csg:	\$ -	Day Rate:	\$	18,500	
Cake: 4.8 Press: 1860 Jets: 6-16's TFA 1.3 Well Head: \$ - Water: \$ Solids: 4 AV DP: 25 TD Out: 10918 TBG/Rods: \$ - Fuel: \$ 18,6 Sand: AV DC: 340 Depth In: 10582 10918 Packers: \$ - Mud Logger: \$ 8 PH: 9.0 JetVel: 110 FTG: 336 28 Tanke: \$ - Logging: \$ PFIMF: 22.52 ECD: 10.6 Hrs: 40 3.5 Separator: \$ - Cement: \$ Chlor: 5000 SPR #1: 62-640 FPH: 8.4 8.0 Heater: \$ - Bits: \$ Ca: 160 SPR #2: WOB: 8-12 20 Pumping LT: \$ - Mud Motors: \$ 9 Dastruct 17:0 17:0 17:0 18:0 TIME MAPM: Miss: \$ - Corrosion:	Gel:	13/37/44	SPM:	115	MFG:	HYC	HTC	Prod Csg:	\$ -	Rental Tools:	\$	1,876	
Solids: 4 AV DP: 25 TD Out: 10918 TBG/Rods: \$ - Fuel: \$ 18,6	WL:	13.2	GPM:	381	S/N:	110949	7110114	Float Equp:	\$ -	Trucking:	\$_		
Sand: AV DC: 340 Depth In: 10582 10918 Packers: \$ - Mud Logger: \$ 8 PH : 9.0 JetVel: 110 FTG: 336 28 Tanks: \$ - Logging: \$ PHMH: .2/5.2 ECD: 10.6 Hrs: 40 3.5 Separator: \$ - Cement: \$ Chlor: 5000 SPR #1: 62-640 FPH: 8.4 8.0 Heater: \$ - Bits: \$ Ca: 160 SPR #2: WOB: 8-12 20 Pumping LT: \$ - Mud Motors: \$ 9 Dapp ppbb: 4.7 Bits: \$ - Corrosion: \$ 1 1 Time Break Down: DOWN TIME 45/50 50/343 Prime Mover: \$ - Corrosion: \$ 1 1 START END TIME 62.5 Hr Tot Rot Hr: 283.5 287 Daily Total: \$ - Drilling Mud: \$ 2.2 6:00 10:00 Attraction of Color	Cake:	4.8	Press:	1860	Jets:	6-16's	TFA 1.3	Well Head:	\$ -	Water:	\$	-	
PH	Solids:	4	AV DP:	25	TD Out:	10918		TBG/Rods:	\$ -	Fuel:	\$	18,672	
Primification Primificatio	Sand:		AV DC:	340	Depth In:	10582	10918	Packers:	\$	Mud Logger:	\$	850	
Chior:	PH:	9.0	JetVel:	110	FTG:	336	28	Tanks:	\$ -	Logging:	\$	-	
Ca: 160 SPR #2: WOB: 8-12 20 Pumping L/T: \$ - Mud Motors: \$ 9 Dapp ppbb: 4.7 Bim.Up: 52 R.RPMI: 45/50 50/343 Prime Mover: \$ - Corrosion: \$ 1 TIME Break Down: DOWN TIME M-RPMI: Misc: \$ - Consultant: \$ 9 START END TIME 62.5 HR Tot Rot Hr: 283.5 287 Daily Total: \$ - Drilling Mud: \$ 2,2 6:00 10:00 4:00 DRLG 10890' - 10907' (17', 4.3 FPH). Misc. / Labor: \$ 2,7 10:00 11:00 1:00 PUMPED PILL AND BLOWDOWN KELLY Csg. Crew: \$ 11:00 17:00 6:00 POCH FOR BIT #5 Daily Total: \$ 46,7 17:00 18:00 1:00 CO BIT AND MM Cum. Wir: \$ 15,0 18:00 23:30 5:30 TIH Cum. Fuel \$ 101,8 23:30 2:30 3:00 WASH AND REAM 120' TO BTM Cum. Bits: \$ 27.0 23:30 6:00 3:30 D	Pf/Mf:	.2/5.2	ECD:	10.6	Hrs:	40	3.5	Separator:	\$ -	Cement:	\$		
Dapp ppb: 4.7 Btm.Up: 52 R.RPM: 45/50 50/343 Prime Mover: \$ - Corrosion: \$ 1 Time Break Down: Down Time Marker Down Time Marker Misc: \$ - Corrosion: \$ 1 START END Time 2.5 HR Tot Rot Hr. 283.5 287 Daily Total: \$ - Drilling Mud: \$ 2.2 2.6 6:00 10:00 4:00 DRLG 10890' - 10907' (17', 4.3 FPH). Misc. / Labor: \$ 2.7 10:00 11:00 1:00 PUMPED PILL AND BLOWDOWN KELLY Csg. Crew: \$ \$ 2.7 11:00 17:00 6:00 POOH FOR BIT #5 Daily Total: \$ 46.7 17:00 18:00 1:00 CO BIT AND MM Cum. Wtr: \$ 15.0 Cum. Wtr: \$ 15.0 10:08 23:30 5:30 TIH Cum. Bits: \$ 27.0 Cum. Bits: \$ 27.0 20:01 BHA 7-7/8" PDC 1 1 Cum. Bits: \$ 27.0 1 1 Cum. Bits: \$ 27.0 1	Chlor:	5000	SPR #1 :	62-640	FPH:	8.4	8.0	Heater:	\$ -	Bits:	\$	-	
Time Break Down: Down Time M.RPM: Misc: \$ - Consultant: \$ 9	Ca:	160	SPR #2 :		w ов:	8-12	20	Pumping L/T:	\$ -	Mud Motors:	\$	900	
START END TIME 62.5 HR Tot Rot Hr: 283.5 287 Daily Total: \$ - Drilling Mud: \$ 2,2		4.7	Btm.Up:	52	R-RPM:	45/50	50/343	Prime Mover:	\$ -	Corrosion:	\$	100	
6:00 10:00 4:00 DRLG 10890' - 10907' (17', 4.3 FPH). 10:00 11:00 1:00 PUMPED PILL AND BLOWDOWN KELLY 11:00 17:00 6:00 POOH FOR BIT #5 11:00 17:00 18:00 1:00 CO BIT AND MM 18:00 23:30 5:30 TIH 23:30 2:30 3:00 WASH AND REAM 120' TO BTM 2:30 6:00 3:30 DRLG 10907' - 10918' (11', 3.1 FPH). (#2 DW MOTOR IN NEED OF REPLACEMENT) (#2 DW MOTOR IN NEED OF REPLACEMENT) (#3 MM 32 (#1 MUD PUMP IN NEED OF REPLACEMENT) BOTH AIR TUGGERS OUT 10:00 1:00 Csg. Crew: \$ 2.7 Misc. / Labor: \$ 2,7 Csg. Crew: \$ Daily Total: \$ 46,7 Cum. Bits: \$ 27,0 BHA 7-7/8" PDC 11 DOG SUB 11 10 DOG SUB 11 11 DOG SUB 11 10 DOG S	Time	Break Do	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900	
10:00 11:00 1:00 PUMPED PILL AND BLOWDOWN KELLY Csg. Crew: \$ 11:00 17:00 6:00 POOH FOR BIT #5 Daily Total: \$ 46,7 17:00 18:00 1:00 CO BIT AND MM Cum. Wtr: \$ 15,0 18:00 23:30 5:30 TIH Cum. Fuel \$ 101,8 23:30 2:30 3:00 WASH AND REAM 120' TO BTM Cum. Bits: \$ 27,0 2:30 6:00 3:30 DRLG 10907' - 10918' (11', 3.1 FPH). BHA (#2 DW MOTOR IN NEED OF REPLACEMENT) DOG SUB 1 (#2 DW MOTOR IN NEED OF REPLACEMENT) 9 MM 32 (#1 MUD PUMP IN NEED OF REPLACEMENT) STABILIZER 49 BOTH AIR TUGGERS OUT 16-6" DC'S 493 Survey 3°@680 Survey 3%°076	START	END	TIME	62.5 HR	Tot Rot Hr:	283.5	287	Daily Total:	\$ -	Drilling Mud:	\$	2,264	
11:00 17:00 6:00 POOH FOR BIT #5 17:00 18:00 1:00 CO BIT AND MM 18:00 23:30 5:30 TIH 23:30 2:30 3:00 WASH AND REAM 120' TO BTM 2:30 6:00 3:30 DRLG 10907' - 10918' (11', 3.1 FPH). (#2 DW MOTOR IN NEED OF REPLACEMENT) (#3 DWM MOTOR IN NEED OF REPLACEMENT) (#41 MUD PUMP IN NEED OF REPLACEMENT) BOTH AIR TUGGERS OUT 16-6" DC'S Survey 3°@680 Survey 3'@680 Survey 3'@680 Survey 3'@676	6:00	10:00	4:00	DRLG 10	890' - 109	07' (17', 4.	3 FPH).			Misc. / Labor:	\$	2,715	
17:00 18:00 1:00 CO BIT AND MM 18:00 23:30 5:30 TIH Cum. Fuel \$ 101,8 23:30 2:30 3:00 WASH AND REAM 120' TO BTM Cum. Bits: \$ 27,0 2:30 6:00 3:30 DRLG 10907' - 10918' (11', 3.1 FPH). BHA 7-7/8" PDC 1 (#2 DW MOTOR IN NEED OF REPLACEMENT) DOG SUB 1 (#1 MUD PUMP IN NEED OF REPLACEMENT) 9 MM 32 (#1 MUD PUMP IN NEED OF REPLACEMENT) STABILIZER 4 BOTH AIR TUGGERS OUT 16-6" DC'S 493 TOTAL BHA = 53: Survey 3°@680 Survey 3°@680 Survey 3°@680	10:00	11:00	1:00	PUMPED	PILL ANI	D BLOWD	OWN KELL	Υ		Csg. Crew:	\$	-	
18:00 23:30 5:30 TIH	11:00	17:00	6:00	POOH F	OR BIT #5					Daily Total:	\$	46,777	
23:30 2:30 3:00 WASH AND REAM 120' TO BTM 2:30 6:00 3:30 DRLG 10907' - 10918' (11', 3.1 FPH). BHA 7-7/8" PDC 1 (#2 DW MOTOR IN NEED OF REPLACEMENT) DOG SUB 1 (BOTH GENERATORS IN NEED OF REPLACEMENT) 9 MM 32 (#1 MUD PUMP IN NEED OF REPLACEMENT) STABILIZER 4 BOTH AIR TUGGERS OUT 16-6" DC'S 493 TOTAL BHA = 53: Survey 3°@680 Survey 3%°@776 P/U 220 LITH: SS, SH BKG GAS 320	17:00	18:00	1:00	CO BIT A	AND MM					Cum. Wtr:	\$	15,087	
2:30 6:00 3:30 DRLG 10907' - 10918' (11', 3.1 FPH).	18:00	23:30	5:30	TIH						Cum. Fuel	\$	101,833	
7-7/8" PDC 1 (#2 DW MOTOR IN NEED OF REPLACEMENT) DOG SUB 1 (BOTH GENERATORS IN NEED OF REPLACEMENT) 9 MM 32 (#1 MUD PUMP IN NEED OF REPLACEMENT) STABILIZER 4 BOTH AIR TUGGERS OUT 16-6" DC'S 493 TOTAL BHA = 53: Survey 3°@680 Survey 3%°@776 P/U 220 LITH: SS, SH BKG GAS 320	23:30	2:30	3:00	WASH A	ND REAM	120' TO B	тм			Cum. Bits:	\$	27,000	
(#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) (#1 MUD PUMP IN NEED OF REPLACEMENT) BOTH AIR TUGGERS OUT TOTAL BHA = 53: Survey 3°@680 Survey 3¼°@776 P/U 220 LITH: SS, SH BKG GAS 320	2:30	6:00	3:30	DRLG 10	907' - 109	18' (11', 3.	1 FPH).	w w		В	НА		
(BOTH GENERATORS IN NEED OF REPLACEMENT) (#1 MUD PUMP IN NEED OF REPLACEMENT) BOTH AIR TUGGERS OUT TOTAL BHA = 53: Survey 3°@680 Survey 3½°@776 P/U 220 LITH: SS, SH BKG GAS 320										7-7/8" PDC		1.00	
(#1 MUD PUMP IN NEED OF REPLACEMENT) BOTH AIR TUGGERS OUT 16-6" DC'S 493 TOTAL BHA = 53: Survey 3°@680 Survey 3¼°@776 P/U 220 LITH: SS, SH BKG GAS 320	-			(#2 DW I	MOTOR IN	NEED OF	REPLACI	EMENT)		DOG SUB		1.00	
BOTH AIR TUGGERS OUT 16-6" DC'S 493				(вотн с	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	.9 MM		32.66	
TOTAL BHA = 53: Survey 3°@680 Survey 3½°@776 P/U 220 LITH: SS, SH BKG GAS 320										STABILIZER		4.94	
Survey 3°@680 Survey 3½°@776 P/U 220 LITH: SS, SH BKG GAS 320				BOTH AIF	R TUGGER	SOUT				16-6" DC'S		493.77	
Survey 3°@680 Survey 3½°@776 P/U 220 LITH: SS, SH BKG GAS 320													
Survey 3°@680 Survey 3½°@776 P/U 220 LITH: SS, SH BKG GAS 320													
Survey 3°@680 Survey 3½°@776 P/U 220 LITH: SS, SH BKG GAS 320													
P/U 220 LITH: SS, SH BKG GAS 320						_				TOTAL BHA:		533.37	
P/U 220 LITH: SS, SH BKG GAS 320										Survey	3	s°@6807'	
220 21111 30,511	M									Survey	31	/4°@7763'	
2011 212	P/U	220		LITH:	SS, SH					BKG GAS		320	
	S/O	205		FLARE:						CONN GAS		460	
ROT. 215 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS		****											
FUEL Used: 1476 On Hand: 6601 Co.Man V GUINN TRIP GAS						6601	Co.Man	V GUINN		TRIP GAS			



AFE Nº 40029 TO93 R 18E S-26 43-04236113

Well: SWF 34-26-9-18				0		DDILLIN	•		2 86	Ť		
				Oper:		DRILLIN		Date: 02/		<u> </u>	25	
	10890'		175	D Hrs:	24	AV ROP:	7.4	Formation:	MESA			
DMC:	\$1,	537	TMC:		\$64,657		TDC:	\$46,050	CWC : \$1,472,75			
Contractor	:	NABORS	3	Mud Co:	MI DRLG	FLUIDS	TANGIBI	LE COST	INTANG	BLE	COST	
MW:	10	Nº 1 P-10	000 3.5 gpm	Bit #:	4	ļ	Conductor:	\$ -	Loc,Cost:	\$	-	
VIS:	45	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	-	
PV/YP:	15/16	№ 2 P-10	000 3.5 gpm	Туре:	DSX299		Int. Csg:	\$ -	Day Rate:	\$	18,500	
Gel:	10/34/41	SPM:	115	MFG:	HYC		Prod Csg:	\$ -	Rental Tools:	\$	1,876	
WL:	14	GPM:	381	S/N:	110949		Float Equp:	\$ -	Trucking:	\$	-	
Cake:	1	Press:	1690	Jets:	6-16's		Well Head:	\$ -	Water:	\$	-	
Solids:	4	AV DP:	25	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	18,672	
Sand:		AV DC:	340	Depth In:	10582		Packers:	\$ -	Mud Logger:	\$	850	
PH:	9.0	JetVel:	110	FTG:	308		Tanks:	\$ -	Logging:	\$	ı	
Pf/Mf:	.2/5.9	ECD:	10.4	Hrs:	32.5		Separator:	\$ -	Cement:	\$	•	
Chlor:	5000	SPR #1 :	62-640	FPH:	9.5		Heater:	\$ -	Bits:	\$	-	
Ca:	160	SPR #2 :		WOB:	8-12		Pumping L/T:	\$ -	Mud Motors:	\$	900	
Dapp ppb:	5.1	Btm.Up:	51	R-RPM:	45/50		Prime Mover:	\$ -	Corrosion:	\$	100	
Time	Break Do	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900	
START	END	TIME	62.5 HR	Tot Rot Hr:	279.5		Daily Total:	\$ -	Drilling Mud:	\$	1,537	
6:00	16:30	10:30	DRLG 10	715' - 108	17' (102', 9).7 FPH).			Misc. / Labor:	\$	2,715	
16:30	17:00	0:30	RIG SER	VICE, TES	ST HYDRIL	L, PIPE R	AMS AND HO	DR.	Csg. Crew:	\$	-	
17:00	6:00	13:00	DRLG 10	817' - 108	90' (73', 5.0	6 FPH).			Daily Total:	\$	46,050	
									Cum. Wtr:	\$	15,087	
			(#2 DW N	MOTOR IN	NEED OF	REPLACE	EMENT)	· · · · · · · · · · · · · · · · · · ·	Cum. Fuel	\$	101,833	
			(BOTH G	ENERATO	ORS IN NE	ED OF RE	PLACEMEN	Τ)	Cum. Bits:	\$	3,600	
			(#1 MUD F	PUMP IN NI	EED OF RE	PLACEMEN	NT)		В	НА		
			,				•		7-7/8" PDC		1.00	
				·			,		DOG SUB		1.00	
									.13 MM		33.05	
									STABILIZER		4.94	
									16-6" DC'S		493.77	
					· · · · · · · · · · · · · · · · · · ·							
									TOTAL BHA	• :	533.76	
									Survey	r	°@6807'	
									Survey		4°@7763'	
P/U	220		LITH:	SS, SH					BKG GAS	•	320	
S/O	205		FLARE:	50,0.1					CONN GAS		2950	
ROT.	214		LAST CS	 3.	8 5/8"	SET @	3558'		PEAK GAS		2950	
	Used:	1603	On Hand:		8077	Co.Man	V GUINN		TRIP GAS			
JEL	oseu.	1003	On Hand:		0011	CO.IVIAII	7 GOINN		TRIF GAS			



AFE Nº 40029 Togs R18E 5-26 43-049-36//3

									Z 5-26 43-047-06/13			
Well: S	WF 34-2	6-9-18		Oper:		DRILLIN	G	Date: 02/			24	
Depth:	10715'	Prog:	133	D Hrs:	9	AV ROP:	14.8	Formation:	MESAVERDE			
DMC:	\$1,	135	TMC:		\$63,120		TDC:	\$35,976	CWC:	\$1	,426,709	
Contractor	r:	NABORS	3	Mud Co:	MI DRLG	FLUIDS	TANGIBI	LE COST	INTANG	BLE C	OST	
MW:	10	Nº 1 P-10	000 3.5 gpm	Bit #:	4		Conductor:	\$ -	Loc,Cost:	\$	_	
VIS:	51	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	-	
PV/YP:	18/19	Nº 2 P-10	000 3.5 gpm	Туре:	DSX299		Int. Csg:	\$ -	Day Rate:	\$	18,500	
Gel:	9/26/33	SPM:	115	MFG:	HYC		Prod Csg:	\$ -	Rental Tools:	\$	1,876	
WL:	11.2	GPM:	381	S/N:	110949		Float Equp:	\$ -	Trucking:	\$	-	
Cake:	1	Press:	1690	Jets:	6-16's		Well Head:	\$ -	Water:	\$	_	
Solids:	4	AV DP:	25	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	_	
Sand:		AV DC:	340	Depth In:	10582		Packers:	\$ -	Mud Logger:	\$	850	
PH :	9.0	JetVel:	110	FTG:	133		Tanks:	\$ -	Logging:	\$	-	
Pf/Mf:	.2/6.2	ECD:	10.1	Hrs:	9		Separator:	\$ -	Cement:	\$	-	
Chlor:	6000	SPR #1 :	63-618	FPH:	14.8		Heater:	\$ -	Bits:	\$	9,000	
Ca:	160	SPR #2 :		wов:	8-12		Pumping L/T:	\$ -	Mud Motors:	\$	900	
Dapp ppb:	5.1	Btm.Up:	51	R-RPM:	45/50		Prime Mover:	\$ -	Corrosion:	\$	100	
Time	Break Do	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900	
START	END	TIME	62.5 HR	Tot Rot Hr:	256		Daily Total:	\$ -	Drilling Mud:	\$	1,135	
6:00	6:30	0:30	RD LAYE	OWN MA	CHINE				Misc. / Labor:	\$	2,715	
6:30	8:00	1:30	POOH F	OR BIT #4				<u> </u>	Csg. Crew:	\$	_	
8:00	9:00	1:00	CHANGE	OUT BIT	AND MM				Daily Total:	\$	35,976	
9:00	12:00	3:00	тін то з	495'					Cum. Wtr:	\$	15,087	
12:00	13:30	1:30	SLIP ANI	D CUT 102	2' DRLG LI	NE			Cum. Fuel	\$	83,161	
13:30	17:30	4:00	ТІН						Cum. Bits:	\$	3,600	
17:30	21:00	3:30	WASH A	ND REAM	150' TO E	втм			E	BHA		
21:00	6:00	9:00	DRLG 10	582' - 107	'15' (133', <i>'</i>	14.7 FPH).			7-7/8" PDC		1.00	
			(WORKII	NG W/ 4 M	IAN CREV	V ON DAYI	JGHTS)		DOG SUB		1.00	
			(#2 DW I	MOTOR IN	NEED OF	REPLAC	EMENT)		.13 MM	<u> </u>	33.05	
			(вотн с	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	STABILIZER		4.94	
			(#1 MUD	PUMP IN N	EED OF RE	PLACEME	NT)		16-6" DC'S	ļ	493.77	
								· · ·				
									TOTAL BHA		533.76	
									Survey	3	°@6807'	
									Survey	31/	4°@7763'	
P/U	215		LITH:	SS, SH					BKG GAS		240	
S/O	195		FLARE:	10' ON BT	MS UP				CONN GAS		520	
ROT.	210	· 	LAST CS	***	8 5/8"	SET @	3558'		PEAK GAS		520	
FUEL	Used:	1279	On Hand		2680	Co.Man	V GUINN		TRIP GAS		7300	



AFE Nº 40029 TO95 R18E S-26 43-042 3613

	07					1 70020	101		97			
Well: S\	WF 34-2	6-9-18		Oper:	P	U DRILL F		Date:	02/2	22/06		23
Depth:	10582'	Prog:	64	D Hrs:	12	AV ROP:	5.6	Formatio		F	MESAVERDE	
DMC:	\$2,	836	TMC:		\$61,985		TDC:	\$46,7	40	CWC:	\$1,	390,733
Contractor	:	NABORS	3	Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST		INTANGI	BLE C	ost
MW:	9.8	Nº 1 P-10	00 3.5 gpm	Bit #:	3		Conductor:	\$		Loc,Cost:	\$	
VIS:	43	SPM:		Size:	7-7/8		Surf. Csg:	\$	-	Rig Move:	\$	
PV/YP:	13/15	Nº 2 P-10	00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$		Day Rate:	\$	18,500
Gel:	8/30/38	SPM:	115	MFG:	HTC		Prod Csg:	\$		Rental Tools:	\$	1,876
WL:	13.2	GPM:	381	S/N:	7105696		Float Equp:	\$	<u>-</u>	Trucking:	\$	3,099
Cake:	1	Press:	1390	Jets:	6-16's		Well Head:	\$	-	Water:	\$	2,037
Solids:	4	AV DP:	25	TD Out:	10582		TBG/Rods:	\$	-	Fuel:	\$	13,003
Sand:		AV DC:	340	Depth In:	9362		Packers:	\$	-	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	1220		Tanks:	\$		Logging:	\$	
Pf/Mf:	.2/6.2	ECD:	10.1	Hrs:	96.5		Separator:	\$		Cement:	\$	-
Chlor:	6000	SPR #1 :	63-560	FPH:	12.6		Heater:	\$		Bits:	\$	_
Ca:	160	SPR #2 :		WOB:	8-12		Pumping L/T:	\$	-	Mud Motors:	\$	2,250
Dapp ppb:	4.8	Btm.Up:	50	R-RPM:	45-60/50		Prime Mover:	\$	-	Corrosion:	\$	100
	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	247		Daily Total:	\$		Drilling Mud:	\$	2,836
6:00	12:30	6:30	DRLG 10)518' - 105	555' (37', 5.	7 FPH).				Misc. / Labor:	\$	1,289_
12:30	13:00	0:30	RIG SER	VICE, TE	ST HYDRII	LL, PIPE R	AMS AND H	CR.		Csg. Crew:	\$	_
13:00	18:00	5:00			82' (27', 5.					Daily Total:	\$	46,740
18:00	22:00	4:00	PUMPE	PILL AN	D POOH F	OR BIT #4		**		Cum. Wtr:	\$	15,087
22:00	23:30	1:30	RU LAYI	DOWN MA	CHINE AN	ID HOLD S	SAFETY MEE	TING		Cum. Fuel	\$	83,161
23:30	2:00	2:30	LAYDOV	VN 75 JTS	S. DP					Cum. Bits:	\$_	27,000
2:00	6:00	4:00	PU 75 J1	rs. W/ FR	ESH HARI	DBAND				В	HA	
				_						7-7/8" PDC		1.00
			(WORKI	NG W/ 4 N	MAN CREV	V ON DAY	LIGHTS)			DOG SUB		1.00
			(#2 DW	MOTOR II	N NEED O	F REPLAC	EMENT)			.13 MM		32.87
		1	(вотн с	SENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)		STABILIZER		4.94
			(#1 MUD	PUMP IN N	IEED OF RE	PLACEME	NT)			16-6" DC'S	ļ	493.77
					•							
-					_					TOTAL BHA	<u> </u>	533.58
										Survey	3	°@6807'
				, <u>, , , , , , , , , , , , , , , , , , </u>	_					Survey	3!	⁄4°@7763'
P/U	215	5	LITH:	SS, SH, C	COAL					BKG GAS		500
s/O	200		FLARE:			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				CONN GAS		3900
ROT.	200	-	LAST CS		8 5/8"	SET @	3558'			PEAK GAS		3900
FUEL	Used:	1350	On Hand		3959	Co.Man		**		TRIP GAS		
, <u>, , , , , , , , , , , , , , , , , , </u>	oscu.	,000	J 110.10									



AFE Nº 40029 Togs RIBF S-26 43-047-3643

Well: S	I: SWF 34-26-9-18			Oper:		DRILLIN	G	Date: 02/	21/06		22
Depth:	10518'	Prog:	228	D Hrs:	23	AV ROP:	10.1	Formation:	MESA	VER	DE
DMC:		227	TMC:		\$59,150		TDC:	\$27,583	cwc:	\$ 1,	344,256
Contractor	:	NABORS	3	Mud Co:	MI DRLG	FLUIDS	TANGIB	LE COST	INTANGI	BLE C	оѕт
MW:	9.8	Nº 1 P-10	00 3.5 gpm	Bit #:	3		Conductor:	\$ -	Loc,Cost:	\$	-
VIS:	43	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	-
PV/YP:	15/13	Nº 2 P-10	00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$ -	Day Rate:	\$	18,500
Gel:	8/30/38	SPM:	115	MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	13.2	GPM:	381	S/N:	7105696		Float Equp:	\$ -	Trucking:	\$	263
Cake:	1	Press:	1390	Jets:	6-16's		Well Head:	\$ -	Water:	\$	
Solids:	4	AV DP:	25	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	
Sand:		AV DC:	340	Depth In:	9362		Packers:	\$ -	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	1156		Tanks:	\$	Logging:	\$	-
Pf/Mf:	.4/5.4	ECD:	10.1	Hrs:	85		Separator:	\$ -	Cement:	\$	
Chlor:	6000	SPR #1 :	63-560	FPH:	13.6		Heater:	\$ -	Bits:	\$	-
Ca:	160	SPR #2 :		WOB:	8-12		Pumping L/T:	\$ -	Mud Motors:	\$	2,250
Dapp ppb:	4.8	Btm.Up:	50	R-RPM:	45-60/50		Prime Mover:	\$ -	Corrosion:	\$	100
Time	Break Do	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	247		Daily Total:	\$ -	Drilling Mud:	\$	2,227
6:00	12:00	6:00	DRLG 10	290' - 103	63' (73', 12	2.2 FPH).			Misc. / Labor:	\$	617
12:00	12:30	0:30	RIG SER	VICE, TE	ST HYDRIL	L, PIPE R	AMS AND H	CR.	Csg. Crew:	\$	_
12:30	16:00	3:30	DRLG 10	363' - 104	15' (52', 14	1.9 FPH).			Daily Total:	\$	27,583
16:00	16:30	0:30	PU DP V	W BLOCK	S (BOTH T	UGGERS	OUT)		Cum. Wtr:	\$	13,050
16:30	18:00	1:30	DRLG 10)415' - 104	23' (8', 5.3	FPH).			Cum. Fuel	\$	70,158
18:00	18:30	0:30	PU DP V	W BLOCK	S (BOTH T	UGGERS	OUT)		Cum. Bits:	\$	27,000
18:30	6:00	11:30	DRLG 10)423' - 105	18' (95', 8.	39 FPH).			В	HA	
									7-7/8" PDC		1.00
			(#2 DW I	MOTOR IN	NEED OF	REPLAC	EMENT)		DOG SUB		1.00
			(BOTH G	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	.13 MM		32.87
			(#1 MUD	PUMP IN N	EED OF RE	PLACEME	NT)		STABILIZER		4.94
			(CLUTCI	H ON #2 M	IUD PUMP	OUT)			16-6" DC'S		493.77
									TOTAL BHA	:	533.58
									Survey	3	°@6807'
									Survey	31/	4°@7763'
P/U	210		LITH:	SS, SH, C	OAL				BKG GAS		500
s/0	190	I	FLARE:						CONN GAS		3900
ROT.	203		LAST CS	G	8 5/8"	SET @	3558'		PEAK GAS		3900
FUEL	Used:	0	On Hand	•	3055	Co.Man		TRIP GAS			



AFE Nº 40029 Togs R18E 5-96 43-040-3613

Well: S\	: SWF 34-26-9-18			Oper:		DRILLIN	G	Date: 02/	20/06		21
Depth:	10290'	Prog:	341	D Hrs:	24	AV ROP:	14.5	Formation:	MESA	VER	DE
DMC:	\$4,	125	TMC:		\$56,924		TDC:	\$28,701	CWC:	\$1,	316,410
Contractor	:	NABORS	1	Mud Co:	MI DRLC	FLUIDS	TANGIBI	E COST	INTANGI	BLE C	OST
MW:	9.5	Nº 1 P-10	00 3.5 gpm	Bit #:	3		Conductor:	\$ -	Loc,Cost:	\$	
VIS:	46	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	16/16	Nº 2 P-10	00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	<u> </u>	Day Rate:	\$	18,500
Gel:	9/24/30	SPM:	115	MFG:	HTC		Prod Csg:	<u> </u>	Rental Tools:	\$	1,876
WL:	14	GPM:	381	S/N:	7105696		Float Equp:	\$	Trucking:		
Cake:	1	Press:	1390	Jets:	6-16's		Well Head:	\$	Water:	\$	
Solids:	2	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	
Sand:		AV DC:	340	Depth in:	9362		Packers:	<u> </u>	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	928		Tanks:	\$ -	Logging:	\$	
Pf/Mf:	.2/6	ECD:	10.1	Hrs:	62.5		Separator:	\$ -	Cement:	\$	-
Chlor:	6000	SPR #1 :	59-490	FPH:	14.8		Heater:	\$ -	Bits:	\$	
Ca:	120	SPR #2 :		WOB:	8-12		Pumping L/T:	\$ -	Mud Motors:	\$	2,350
Dapp ppb:	5.2	Btm.Up:	45	R-RPM:	45-60/50		Prime Mover:	\$ -	Corrosion:	\$	100
Time	Break Do	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	224.5	<u> </u>	Daily Total:	\$ -	Drilling Mud:	\$	4,125
6:00	9:30	3:30	DRLG 99	49' - 1000	2' (53', 17.	7 FPH).			Misc. / Labor:	\$	
9:30	10:00	0:30	RIG SER	VICE, TE	ST HYDRII	LL, PIPE R	AMS AND H	CR.	Csg. Crew:	\$	
10:00	6:00	20:00	DRLG 10	0002' - 102	290' (288',	14.0 FPH).			Daily Total:	\$	28,701
									Cum. Wtr:	\$	13,050
									Cum. Fuel	\$	70,158
									Cum. Bits:	\$	27,000
									В	HA	
									7-7/8" PDC		1.00
			(#2 DW I	MOTOR IN	NEED OF	REPLAC	EMENT)		DOG SUB	<u> </u>	1.00
			(ВОТН С	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	.13 MM	<u> </u>	32.87
			(#1 MUD	PUMP IN N	IEED OF RE	PLACEME	NT)		STABILIZER		4.94
			(ALL 3 A	IR COMP	IN NEED (OF REPAIR	OR REPLA	CEMENT)	16-6" DC'S	<u> </u>	493.77
			(CLUTCI	1 ON #2 M	IUD PUMF	OUT)					
										<u> </u>	
									TOTAL BHA		533.58
									Survey	3	°@6807'
									Survey	31/	4°@7763'
P/U	208		LITH:	SS, SH, C	OAL				BKG GAS		460
S/O	190		FLARE:						CONN GAS		220
ROT.	203		LAST CS	G	8 5/8"	SET @	3558'		PEAK GAS		220
FUEL	Used:	1586	On Hand		3055	Co.Man	V GUINN		TRIP GAS		



AFE Nº 40029 TO95 PIBE 5-26 43-042-36113

	07	00.0.40		0====	TILI	M// DIT AN	ID MM	Date:	02/			14
Well: S		···		Oper:		W/ BIT AN	0.0	<u> </u>		13/00 <u> </u> WAS/	ΔΤΟΙ	
Depth:	8585'		0	D Hrs:	0	AV ROP:	TDC:	Formati \$59,		CWC:		092,825
DMC:		90	TMC:		\$35,375	FLUIDS	TDC:		1 30	INTANGI		
Contractor		NABORS		Mud Co:		FLUIDS_		\$	_		\$	2,500
MW:	8.6		00 3.5 gpm	Bit #:	2 7 7/9		Conductor:	<u> </u>	<u>-</u>	Loc,Cost: Rig Move:	<u>φ</u> \$	2,000
VIS:		SPM:		Size:	7-7/8		Surf. Csg:	\$ \$			\$	18,500
PV/YP:	13/25		00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	 \$	<u>-</u>	Day Rate: Rental Tools:	\$	1,876
Gel:	14/20/26	SPM:		MFG:	HTC		Prod Csg:				\$	2,331
WL:	20	GPM:	0	S/N:	7106435		Float Equp:	\$	-	Trucking:	\$	2,001
Cake:	1	Press:	870	Jets:	6-16's		Well Head:	\$	-	Water:	<u>φ</u> \$	12,655
Solids:	1	AV DP:	207	TD Out:			TBG/Rods:	\$		Fuel:	Φ	12,000
Sand:		AV DC:	340	Depth In:	8585		Packers:	\$	-	Mud Logger:		
PH :	9.0	JetVel:	110	FTG:			Tanks:	\$		Logging:	\$	
Pf/Mf:	.4/6.6	ECD:	8.6	Hrs:			Separator:	\$	-	Cement:	\$	
Chlor:	6000	SPR #1 :		FPH:			Heater:	\$		Bits:		
Ca:	160	SPR #2 :		WOB:			Pumping L/T:	\$		Mud Motors:	\$	
Dapp ppb:	5.3	Btm.Up:		R-RPM:			Prime Mover:	<u>\$</u>	-	Corrosion:	\$	
Time	Break D	own:	DOWN TIME	M-RPM:		<u> </u>	Misc:	\$	-	Consultant:	\$	900
START	END	TIME	60 HR	Tot Rot Hr:	98.5		Daily Total:	\$	-	Drilling Mud:	\$	90
6:00	9:30	3:30	JAR ON	FISH		Misc. / Labor:	\$	20,906				
9:30	10:30	1:00	POOH L	AYING DO	WN 6 JTS	S				Csg. Crew:	\$	 -
10:30	11:00	0:30	POOH W	// 3 STDS.	DP	<u> </u>				Daily Total:	\$	59,758
11:00	14:30	3:30	BLOW D	N KELLY	AND RD W	/IRELINE]	RUCK			Cum. Wtr:		
14:30	18:00	3:30	POOH W	// FISH, P	ULLING W	ET STRING	3			Cum. Fuel	\$	45,249
18:00	2:30	8:30	LAYDOV	VN 5 DC A	ND FISHI	NG TOOLS)			Cum. Bits:	\$	9,000
2:30	6:00	3:30	PU BIT 8	MM AND	TIH TO 3	550'			_	В	HA	
										7-7/8" PDC		1.00
			(#2 DW I	MOTOR IN	NEED O	REPLAC	EMENT)			DOG SUB	_	1.00
	<u> </u>		(вотн с	SENERAT	ORS IN NE	EED OF RE	PLACEMEN	T)		мм		32.98
-	T						NT, #2 MUD P			STABILIZER		4.94
4 1/7			 	OF REP						16-6" DC'S		493.77
-		 			<u> </u>							
7. 4.		†										
	†	 	 			···						
	 	 	 			-				TOTAL BHA		533.69
	1	 	 	 _		-				Survey	3	°@6807'
		 	1							Survey	31/	⁄₄°@7763'
P/U			LITH:	SS, SH						BKG GAS		
			FLARE:	00, 011			<u> </u>			CONN GAS		
S/O			LAST CS		8 5/8"	SET @	3558'			PEAK GAS		
ROT.	Ussal.	1062	On Hand		4091	Co.Man	V GUINN			TRIP GAS		
FUEL	Used:	1062	On Hand		+031	CO.IVIAII	7 001111					



AFE Nº 40029 TO9S R18E S-26 43-047-36/13

Well: S	WF 34-	26-9-18		Oper:	TIH	W/ BIT A		Date: 0	2/14/06		15
	8585'		0	D Hrs:	0	AV ROP:	0.0	Formation		ATC	Н
DMC:		190	TMC:	•.	\$35,865	<u> </u>	TDC:		0 cwc:		090,479
Contractor		NABORS		Mud Co:		FLUIDS	TANGIBL	E COST	INTANG	BLE C	оѕт
MW:	8.6			Bit #:	2		Conductor:	\$ -	Loc,Cost:	\$	-
VIS:		SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	-
PV/YP:	13/25	Nº 2 P-10	00 3.5 gpm	Type:	HC506ZX		Int. Csg:	\$ -	Day Rate:	\$	18,500
	14/20/26			MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	22	GPM :	381	S/N:	7106435		Float Equp:	\$	Trucking:	\$	484
Cake:	1	Press:	1370	Jets:	6-16's		Well Head:	\$ -	Water:	\$	-
Solids:	1	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	_
Sand:		AV DC:	340	Depth In:	8585		Packers:	\$ -	Mud Logger:		
PH:	9.0	JetVel:	110	FTG:			Tanks:	\$ -	Logging:	\$	-
Pf/Mf:	.2/5.8	ECD:	8.6	Hrs:			Separator:	\$ -	Cement:	\$	
Chlor:	6000	SPR #1 :		FPH:			Heater:	\$ <u>-</u>	Bits:		
Ca:	160	SPR #2 :		WOB:			Pumping L/T:	\$ <u>-</u>	Mud Motors:	\$	
Dapp ppb:	5	Btm.Up:		R-RPM:			Prime Mover:	\$ -	Corrosion:	\$	
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	98.5		Daily Total:	\$ -	Drilling Mud:	\$	490
6:00	15:00	9:00	POOH C	LEANING	ROCKS O	UT OF DC			Misc. / Labor:	\$	-
15:00	15:30	0:30	CHECK N	MM AND E	SLOWDOV	VN KELLY			Csg. Crew:	\$_	-
15:30	18:00	2:30	REPAIR	DW MOTO	ORS AND	CATHEAD			Daily Total:	\$	22,250
18:00	0:30	6:30	TIH		,				Cum. Wtr:		
0:30	6:00	5:30	WASH A	ND REAM	8110 TO	8524'			Cum. Fuel	\$	45,249
									Cum. Bits:	\$	9,000
										HA	
									7-7/8" PDC	<u> </u>	1.00
		,	(#2 DW N	MOTOR IN	NEED OF	REPLAC	EMENT)		DOG SUB		1.00
			(ВОТН С	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	мм		32.98
			(#1 MUD I	PUMP IN N	EED OF RE	PLACEMEN	NT, #2 MUD P	UMP	STABILIZER	ļ	4.94
			IN NEED	OF REPA	AIR)				16-6" DC'S	<u> </u>	493.77
			(ALL 3 A	IR COMP	IN NEED (OF REPAIR	OR REPLA	CEMENT)	<u> </u>	
										_	
				···						<u> </u>	
									TOTAL BHA	=	533.69
									Survey	3	°@6807'
		<u> </u>	<u> </u>				· · · · · · · · · · · · · · · · · · ·		Survey	31/	4°@7763'
P/U			LITH:	SS, SH			<u> </u>		BKG GAS		
S/O			FLARE:						CONN GAS		
ROT.			LAST CS	G	8 5/8"	SET @	3558'		PEAK GAS		
FUEL	Used:	1162	On Hand:		2929	Co.Man	V GUINN		TRIP GAS		



AFE Nº 40029 TO9S R/8E 5-26 43-042-36/13

						14 7002	100	<u> </u>	5-26	43	-091/2 3
		l-26-9-1		Oper:	TIH	W/BIT	AND MM	Date: 02			16
Depth:		Prog:	361	D Hrs:	23	AV ROP:	16.0	Formation:	WA	SAT	CH
DMC:		3,776	TMC:		\$39,641		TDC:	\$50,896			1,141,375
Contracte	T* *	NABOR	RS	Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST	INTANO	SIBLE	COST
MW:	9.2	Nº 1 P-	1000 3.5 gpm	Bit #:	2		Conductor:	\$ -	Loc,Cost:	\$	-
VIS:	41	SPM:	115	Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	12/12	N° 2 P-	1000 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$ -	Day Rate:	\$	18,500
Gel:	7/24/30	SPM:	·	MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	14	GPM:	381	S/N:	7106435		Float Equp:	\$ -	Trucking:	\$	594
Cake:	1	Press:	1370	Jets:	6-16's		Well Head:	\$ -	Water:	\$	13,050
Solids:	2	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	
Sand:		AV DC:	340	Depth in:	8585		Packers:	\$ -	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	361		Tanks:	\$ -	Logging:	\$	
Pf/Mf:	.4/6.2	ECD:	8.6	Hrs:	22.5		Separator:	\$ -	Cement:	\$	_
Chlor:	6000	SPR #1 :	64-490	FPH:	16.0		Heater:	\$ -	Bits:	\$	9,000
Ca:	160	SPR #2 :		WOB:	15		Pumping L/T:	\$ -	Mud Motors:	\$	2,250
Dapp ppb:	5.1	Btm.Up:	42.7	R-RPM:	45		Prime Mover:	\$ -	Corrosion:	\$	100
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	98.5		Daily Total:	\$ -	Drilling Mud:	\$	3,776
6:00	7:00	1:00	WASH A	ND REAM	8524 TO 8	585'			Misc. / Labor:	\$	
7:00	16:30	9:30	DRLG 85	35' - 8810'	(225, 23.7	FPH).			Csg. Crew:	\$	
16:30	17:00	0:30					AMS AND HCF		Daily Total:	\$	50,896
17:00	6:00	13:00	DRLG 88	10' - 8946'	(136, 10.5	FPH).			Cum. Wtr:	\$	13,050
									Cum. Fuel	\$	45,249
									Cum. Bits:	\$	18,000
			<u> </u>							HA	.0,500
									7-7/8" PDC		1.00
			(#2 DW M	OTOR IN	NEED OF	REPLACE	MENT)		DOG SUB		1.00
							PLACEMENT)		MM	_	32.98
							IT, #2 MUD PUM		STABILIZER		4.94
			IN NEED (16-6" DC'S		493.77
			(ALL 3 AIF	COMP IN	NEED OF	REPAIR	OR REPLACE				
								1	TOTAL BHA =		533.69
									Survey	3°6	26807'
									Survey		@7763'
VU	185		LITH: S	S, SH	<u> </u>				SKG GAS	0/4	20
/O	170		FLARE:						CONN GAS		25
от.	185		LAST CSG.		8 5/8"	SET @	3558'		PEAK GAS		30
UEL (Jsed:		On Hand:				V GUINN				30
OLL (1303	On Hand:		024	Co.Man	V GUINN	T	RIP GAS		



AFE Nº 40029 TO9S R18E S-26 43-042-36113

Depth: 9283' Prog: 337 D Hrs: 24 AV ROP: 14.3 Formation: MESAVERDE	Well: 9	SWF 34	-26-0-1	8	Onor		DBILLI		r		7 <u>.3</u> ~	042-361
DMC: \$4,824 TMC: \$44,465 TDC: \$41,955 CWC: \$1,183,330		*			Oper:				Date: 02			
Contractor: NABORS					U Hrs:		AV ROP:		·			
MW: 9.5 N° 1 P-1000 3.5 gpm Bit #: 2 Conductor: \$ - Log_Cost \$ - Nr1 P-1000 3.5 gpm Bit #: 2 Conductor: \$ - Log_Cost \$ - Ntg Move: \$ - PVYP: 14/15 N° 2 P-1000 3.5 gpm Type: HC50602X Int. Cag: \$ - Rig Move: \$ - Rig Mo								~ ~~~		CWC:	\$	1,183,330
VIS. 48 SPM: 115 Size: 7-7/8 Surf. Cag: \$ - Righton: \$ - PVVPP: 14/15 Nr 2 P-1000 3.5 gpm Type: HC5062X Int. Cag: \$ - Rottel Tools: \$ 18,500			T				FLUIDS	TANGIBL	E COST	INTAN	GIBLE	COST
PVYPP: 14/15 N° 2 P-1000 3.5 gpm Type: HCS06ZX Int. Cag: \$ - Day Rate: \$ 18,500										Loc,Cost:	\$_	
Section		+			1			Surf. Csg:		Rig Move:	\$	-
With			 	000 3.5 gpm				Int. Csg:		Day Rate:	\$_	18,500
Cabe		T		204				Prod Csg:		Rental Tools:	\$	1,876
Solida: 3		<u> </u>								Trucking:	\$	
Sand: AV DC: 340 Depth In: 8585 Packers: \$ - Public: \$ 12,655		†—-				6-16's		Well Head:		Water:	\$_	<u> </u>
PH : 9.0 JetVel: 110 FTG: 361 Tanks: \$ - Logging: \$ - PHMM: 4/5.7 ECD: 9.8 Hms: 22.5 Separator: \$ - Canemit:		3						TBG/Rods:		Fuel:	\$_	12,655
Primit		100	·					Packers:		Mud Logger:	\$	850
Childron 6000 SPR #1 64-490 FPH: 16.0 Heater: \$ - Bits: \$ - Ca : 120 SPR #2 : WOB: 15-20 Pumping UT: \$ - Mud Motors: \$ 2,250		<u> </u>						Tanks:	\$ -	Logging:	\$	
Ca : 120 SPR #2 : WOB: 15-20 Pumping LT: \$ - Mud Motors: \$ 2,250 Dapp ppb: 4.9 Btm.Up: 42.7 R-RPM: 45-60/50 Prime Mover: \$ - Corrosion: \$ 100 Time Break Down: DOWN TIME M-RPM: Misc: \$ - Consultant: \$ 900 START END TIME 62.5 HR Tot Rot Hr. 144.5 Daily Total: \$ - Drilling Mud: \$ 4,824 6:00 13:00 7:00 DRLG 8946' - 9095' (149, 21.3 FPH). Misc. / Labor: \$ - 13:30 6:00 16:30 DRLG 9095' - 9283' (188, 11.4 FPH). Daily Total: \$ 41,955 Cum. Wtr: \$ 13,050 Cum. Fuel \$ 57,904 Cum. Bits: \$ 18,000 BHA 7-7/8" PDC 1.00 (#2 DW MOTOR IN NEED OF REPLACEMENT) DOG SUB 1.00 (#3 MUD PUMP IN NEED OF REPLACEMENT) MM 32.98 (#3 MUD PUMP IN NEED OF REPLACEMENT) MM 32.98 (#3 MUD PUMP IN NEED OF REPLACEMENT) MM 32.98 (#3 MUD PUMP IN NEED OF REPLACEMENT) HR.G.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.					Hrs:			Separator:	\$ -	Cement:	\$	
Deep ppb: 4.9 Btm.Up: 42.7 R.RPM: 45-60/50 Prime Mover: \$ - Corrosion: \$ 100				64-490	FPH:			Heater:	\$ -	Bits:	\$	
Time Break Down Down Time Break Down Start END Time Start Tot Rot Hr. 144.5 Daily Total: \$ - Drilling Mud: \$ 4,824					WOB:			Pumping L/T:	\$ -	Mud Motors:	\$	2,250
START END TIME 62.5 HR Tot Rot Hr. 144.5 Daily Total: \$ - Drilling Mud: \$ 4,824						45-60/50		Prime Mover:	\$ -	Corrosion:	\$	100
13:00				DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
13:00 13:30 0:30 RIG SERVICE, TEST HYDRILL, PIPE RAMS AND HCR. Csg. Crew: \$ - 13:30 6:00 16:30 DRLG 9095' - 9283' (188, 11.4 FPH). Daily Total: \$ 41,955 Cum. Wtr: \$ 13,050 Cum. Bits: \$ 18,000 BHA 7-7/8" PDC 1.00 (#2 DW MOTOR IN NEED OF REPLACEMENT) DOG SUB 1.00 (BOTH GENERATORS IN NEED OF REPLACEMENT) MM 32.98 (#1 MUD PUMP IN NEED OF REPLACEMENT, #2 MUD PUMP STABILIZER 4.94 IN NEED OF REPLACEMENT, #2 MUD PUMP STABILIZER 4.94 IN NEED OF REPLACEMENT, #2 MUD PUMP STABILIZER 4.94 IN NEED OF REPLACEMENT) 16-6" DC'S 493.77 (ALL 3 AIR COMP IN NEED OF REPAIR OR REPLACEMENT) TOTAL BHA = 533.69 Survey 3*@6807' Survey 3*@6807' Survey 3*@6807' Survey 3*@6807' Survey 3*@7763' DCT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120								Daily Total:	\$ -	Drilling Mud:	\$	4,824
13:30 6:00 16:30 DRLG 9095' - 9283' (188, 11.4 FPH). Daily Total: \$ 41,955				4						Misc. / Labor:	\$	-
Cum. Wtr: \$ 13,050								AMS AND HC	₹.	Csg. Crew;	\$	-
Cum. Fuel \$ 57,904	13:30	6:00	16:30	DRLG 90	95' - 9283'	(188, 11.4	FPH).			Daily Total:	\$	41,955
Cum. Bits: \$ 18,000	· · · · · · · · · · · · · · · · · · ·									Cum. Wtr:	\$	13,050
BHA				ļ						Cum. Fuel	\$	57,904
1.00										Cum. Bits:	\$	18,000
(#2 DW MOTOR IN NEED OF REPLACEMENT) (BOTH GENERATORS IN NEED OF REPLACEMENT) (#1 MUD PUMP IN NEED OF REPLACEMENT, #2 MUD PUMP IN NEED OF REPAIR) (ALL 3 AIR COMP IN NEED OF REPAIR OR REPLACEMENT) TOTAL BHA = 533.69 Survey 3°@6807' Survey 3'%@7763' 7/U 186 LITH: SS, SH BKG GAS 20 177 FLARE: CONN GAS 115 DOG SUB 1.00 1.00										В	НА	
(BOTH GENERATORS IN NEED OF REPLACEMENT) (#1 MUD PUMP IN NEED OF REPLACEMENT, #2 MUD PUMP STABILIZER 4.94 IN NEED OF REPAIR) (ALL 3 AIR COMP IN NEED OF REPAIR OR REPLACEMENT) TOTAL BHA = 533.69 Survey 3°@6807' Survey 3%°@7763' 7U 186 LITH: SS, SH BKG GAS 20 177 FLARE: CONN GAS 115 OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120										7-7/8" PDC		1.00
(#1 MUD PUMP IN NEED OF REPLACEMENT, #2 MUD PUMP STABILIZER 4.94 IN NEED OF REPAIR) 16-6" DC'S 493.77 (ALL 3 AIR COMP IN NEED OF REPAIR OR REPLACEMENT) TOTAL BHA = 533.69 Survey 3°@6807' Survey 3½°@7763' OU 186 LITH: SS, SH BKG GAS 20 IVO 177 FLARE: CONN GAS 115 OUT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120										DOG SUB		1.00
IN NEED OF REPAIR) 16-6" DC'S 493.77 (ALL 3 AIR COMP IN NEED OF REPAIR OR REPLACEMENT)								·		ММ		32.98
(ALL 3 AIR COMP IN NEED OF REPAIR OR REPLACEMENT) TOTAL BHA = 533.69 Survey 3°@6807' Survey 3%°@7763' Survey 3%°@7763' FLARE: CONN GAS 115 OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120							LACEMEN	T, #2 MUD PUN	IP .	STABILIZER		4.94
TOTAL BHA = 533.69 Survey 3°@6807' Survey 3¼°@7763' //U 186 LITH: SS, SH BKG GAS 20 //O 177 FLARE: CONN GAS 115 OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120										16-6" DC'S		493.77
Survey 3°@6807' Survey 3¼°@7763' 7/U 186 LITH: SS, SH BKG GAS 20 7/O 177 FLARE: CONN GAS 115 OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120				(ALL 3 AIF	COMP II	NEED OF	REPAIR	OR REPLACE	MENT)			
Survey 3°@6807' Survey 3¼°@7763' 7/U 186 LITH: SS, SH BKG GAS 20 7/O 177 FLARE: CONN GAS 115 OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120						· · · · · · · · · · · · · · · · · · ·						
Survey 3°@6807' Survey 3¼°@7763' 7/U 186 LITH: SS, SH BKG GAS 20 7/O 177 FLARE: CONN GAS 115 OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120												
Survey 31/2°@7763'										TOTAL BHA =		533.69
/U 186 LITH: SS, SH BKG GAS 20 /O 177 FLARE: CONN GAS 115 OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120										Survey	3°(2 6807'
OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120										Survey	3¼°	@7763'
IO 177 FLARE: CONN GAS 115 IOT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120	<u>'/U</u>	186		LITH: S	S, SH					BKG GAS		
OT. 186 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS 120	3/0	177		FLARE:						CONN GAS		
IIEI Upodu O On Upodu 1001	OT.	186		LAST CSG.		8 5/8"	SET@	3558'				
	UEL L	Jsed:	0	On Hand:	1	624	Co.Man	V GUINN				



AFE Nº 40029 TO9S P18F 5-36 43-047-36113

Well: S	WF 34-	26-9-18		Oper:	PO	OH FOR I		Date: 02/	1 6 /06		18
Depth:	9362'		79	D Hrs:	18	AV ROP:	4.4	Formation:	7 MESA	VER	DE
DMC:		457	TMC:		\$46,922	•	TDC:	\$27,087	cwc:	\$1,	210,417
Contractor		NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST	INTANGI	BLE CO	OST
MW:	8.9	N° 1 P-10	00 3.5 gpm	Bit #:	2		Conductor:	\$ -	Loc,Cost:	\$	_
VIS:	41	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	_
PV/YP:	11/16	N° 2 P-10	00 3.5 gpm	Type:	HC506ZX		Int. Csg:	\$ -	Day Rate:	\$	18,500
Gel:	10/30/38			MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	14	GPM :	381	S/N:	7106435		Float Equp:	\$ -	Trucking:	\$	-
Cake:	1	Press:	1370	Jets:	6-16's		Well Head:	\$ -	Water:	\$	-
Solids:	2.8	AV DP:	207	TD Out:	9362		TBG/Rods:	\$ -	Fuel:	\$	-
Sand:		AV DC:	340	Depth In:	8585		Packers:	\$ -	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	777		Tanks:	\$ -	Logging:	\$	
Pf/Mf:	.2/6	ECD:	9.8	Hrs:	40.5		Separator:	\$ -	Cement:	\$	
Chlor:	6000	SPR #1 :	64-490	FPH:	19.2		Heater:	\$ -	Bits:	\$	-
Ca:	120	SPR #2 :		WOB:	15-20		Pumping L/T:	\$ -	Mud Motors:	\$	1,800
Dapp ppb:	5	Btm.Up:	42.7	R-RPM:	45-60/50		Prime Mover:	\$ -	Corrosion:	\$	100
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	162.5		Daily Total:	\$ -	Drilling Mud:	\$	2,457
6:00	15:30	9:30	DRLG 92	83' - 9319	' (188', 20.	2 FPH).		- ··-	Misc. / Labor:	\$	604
15:30	16:00	0:30	RIG SER	VICE, TES	ST HYDRII	L, PIPE R	AMS AND H	CR.	Csg. Crew:	\$	
16:00	0:30	8:30	DRLG 93	19' - 9362	' (43', 5.1 F	FPH).			Daily Total:	\$	27,087
0:30	1:00	0:30	PUMPED	PILL AND	D BLOWD	OWN KELL	.Y		Cum. Wtr:	\$	13,050
1:00	6:00	5:00	POOH F	OR BIT #3	,				Cum. Fuel	\$	57,904
									Cum. Bits:	\$	18,000
									В	HA	
									7-7/8" PDC		1.00
			(#2 DW N	MOTOR IN	NEED OF	REPLAC	EMENT)		DOG SUB	<u> </u>	1.00
			(вотн с	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	мм		32.98
			(#1 MUD I	PUMP IN N	EED OF RE	PLACEME	NT)		STABILIZER		4.94
			(ALL 3 A	IR COMP	IN NEED (OF REPAIR	OR REPLA	CEMENT)	16-6" DC'S	<u> </u>	493.77
											
										<u> </u>	
				-							
									TOTAL BHA:	F""	533.69
			ļ						Survey	+	'@6807'
								···	Survey	31/4	°@7763'
P/U	193		LITH:	SS, SH					BKG GAS		520
s/0	182		FLARE:						CONN GAS		550
ROT.	188		LAST CS	G	8 5/8"	SET @	3558'		PEAK GAS		550
FUEL	Used:	1305	On Hand:		2929	Co.Man	V GUINN		TRIP GAS		· -



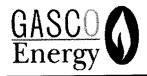
AFE Nº 40029 TO95 R 18 E 5-26 43-042 36113

Well: S	WF 34-	26-9-18		Oper:		DRILLIN	G	Date: 02/	18/06	19
Depth:	9542'	Prog:	180	D Hrs:	18_	AV ROP:	10.0	Formation:	MESA'	VERDE
DMC:	\$1,	618	TMC:		\$48,540		TDC:	\$27,203	CWC:	\$1,237,620
Contractor	:	NABORS	<u> </u>	Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST	INTANGI	BLE COST
MW:	9.8	Nº 1 P-10	00 3.5 gpm	Bit #:	3		Conductor:	\$ -	Loc,Cost:	\$
VIS:	47	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$ -
PV/YP:	11/16	Nº 2 P-10	00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$ -	Day Rate:	\$ 18,500
Gel:	8/25/31	SPM:	115	MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$ 1,876
WL:	12.8	GPM:	381	S/N:	7105696		Float Equp:	\$ -	Trucking:	\$ 1,462
Cake:	1	Press:	1390	Jets:	6-16's		Well Head:	\$ -	Water:	\$ -
Solids:	2	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$ -
Sand:		AV DC:	340	Depth In:	9362		Packers:	\$	Mud Logger:	\$ 850
PH:	9.0	JetVel:	110	FTG:	180		Tanks:	\$ -	Logging:	\$ -
Pf/Mf:	.2/6	ECD:	10.1	Hrs:	15.5		Separator:	\$ -	Cement:	\$ -
Chlor:	6000	SPR #1 :	54-390	FPH:	11.6		Heater:	\$ -	Bits:	\$ -
Ca:	120	SPR #2 :		WOB:	8-12		Pumping L/T:	\$	Mud Motors:	\$ 1,550
Dapp ppb:	5	Btm.Up:	45	R-RPM:	45-60/50		Prime Mover:	\$ -	Corrosion:	\$ 100
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$ 900
START	END	TIME	62.5 HR	Tot Rot Hr:	177.5		Daily Total:	\$ -	Drilling Mud:	\$ 1,618
6:00	7:30	1:30	LAYDOV	VN MM, R	EPLACE V	/EARBUSH	HING		Misc. / Labor:	\$ 347
7:30	8:00	0:30	PU NEW	ММ		700			Csg. Crew:	\$ -
8:00	13:00	5:00	TIH W/ B	IIT #3					Daily Total:	\$ 27,203
13:00	14:00	1:00	WASH A	ND REAM	1 60' TO BT	М			Cum. Wtr:	\$ 13,050
14:00	15:30	1:30	DRLG 93	862' - 9379)' (17', 1 <u>1.3</u>	FPH).			Cum. Fuel	\$ 57,904
15:30	16:00	0:30	RIG SER	VICE, TE	ST HYDRII	L, PIPE R	AMS AND H	CR.	Cum. Bits:	\$ 18,000
16:00	6:00	14:00	DRLG 93	379' - 9542	2' (163', 11.	6 FPH).			В	HA
									7-7/8" PDC	1.00
			(#2 DW I	MOTOR I	NEED OF	REPLAC	EMENT)		DOG SUB	1.00
			(вотн с	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	мм	32.98
			(#1 MUD	PUMP IN N	IEED OF RE	PLACEME	NT)	,	STABILIZER	4.94
			(ALL 3 A	IR COMP	IN NEED (OF REPAIR	OR REPLA	CEMENT)	16-6" DC'S	493.77
			(CLUTCI	H ON #2 N	IUD PUMF	OUT)			<u> </u>	
									<u> </u>	
				···			<u>.</u>		TOTAL BHA	533.69
									Survey	3°@6807'
							·		Survey	3¼°@7763'
P/U	197		LITH:	SS, SH, C	OAL				BKG GAS	80
S/O	185	 i	FLARE:	10' ON B	rms up				CONN GAS	450
ROT.	192		LAST CS	G.	8 5/8"	SET@	3558'		PEAK GAS	4950
FUEL	Used:	1305	On Hand	:	1624	Co.Man	V GUINN		TRIP GAS	4950



AFE Nº 40029 TOPS R 18E 5-26 43-049- 3613

Wall- SI	ell: SWF 34-26-9-18			Oper:	.*	DRILLIN		Date: 02/	19/06		20
Depth:	9949'		407	D Hrs:	24	AV ROP:	17.3	Formation:	MESA	VER	DE
Deptin: DMC:		259	TMC:	D III 3.	\$52,798	AV NOI .	TDC:	\$50,089	cwc:		287,709
Contractor		NABORS		Mud Co:		FLUIDS	TANGIBL		INTANGI		
MW:	9.6		00 3.5 gpm	Bit #:	3		Conductor:	\$ -	Loc,Cost:	\$	-
VIS:		SPM:	<u> </u>	Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	-
PV/YP:	10/15	Nº 2 P-10	00 3.5 gpm	Type:	HC506ZX		Int. Csg:	\$ -	Day Rate:	\$	18,500
Gel:	8/26/33	SPM:	115	MFG:	HTC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	15	GPM:	381	S/N:	7105696		Float Equp:	\$ -	Trucking:		
Cake:	1	Press:	1390	Jets:	6-16's		Well Head:	\$ -	Water:	\$	
Solids:	2	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	12,254
Sand:		AV DC:	340	Depth In:	9362		Packers:	\$ -	Mud Logger:	\$	850
PH:	9.0	JetVel:	110	FTG:	180		Tanks:	\$ -	Logging:	\$	
Pf/Mf:	.2/6	ECD:	10.1	Hrs:	15.5		Separator:	\$ -	Cement:	\$	-
Chlor:	6000	SPR #1 :	54-390	FPH:	11.6		Heater:	\$ -	Bits:	\$	9,000
Ca:	120	SPR #2 :		wов:	8-12		Pumping L/T:	\$ -	Mud Motors:	\$	2,350
Dapp ppb:	5	Btm.Up:	45	R-RPM:	45-60/50		Prime Mover:	\$ -	Corrosion:	\$	100
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	177.5		Daily Total:	\$ -	Drilling Mud:	\$	4,259
6:00	9:30	3:30	DRLG 95	42' - 9600	' (58', 16.6	FPH).			Misc. / Labor:	\$	
9:30	10:00	0:30					AMS AND H	CR.	Csg. Crew:	\$	
10:00	6:00	20:00	DRLG 96	600' - <u>9949</u>	' (349', 17.	5 FPH).		······	Daily Total:	\$	50,089
									Cum. Wtr:	\$	13,050
									Cum. Fuel	\$	70,158
									Cum. Bits:	\$	27,000
									В	HA	
									7-7/8" PDC		1.00
			(#2 DW 1	MOTOR IN	NEED O	REPLAC	EMENT)		DOG SUB		1.00
			(BOTH C	ENERAT	ORS IN NE	ED OF RE	PLACEMEN	T)	.13 MM		32.87
						PLACEME			STABILIZER		4.94
			(ALL 3 A	IR COMP	IN NEED (OF REPAIR	OR REPLA	CEMENT)	16-6" DC'S		493.77
			(CLUTC	1 ON #2 N	IUD PUMF	OUT)					
						. <u></u>					
									1		
		ļ							TOTAL BHA	T	533.58
									Survey	 	°@6807'
									Survey	31/	4°@7763'
P/U	200)	LITH:	SS, SH, C	OAL				BKG GAS		130
S/O	185	i	FLARE:						CONN GAS		440
ROT.	193	}	LAST CS	G	8 5/8"	SET @	3558'		PEAK GAS		550
FUEL	Used:	1483	On Hand	•	4641	Co.Man	V GUINN	-	TRIP GAS		



AFE Nº 40029 TO9S R18E5-26 43-047-36113

Well: S	I: SWF 34-26-9-18			Oper:		JAR ON FI	SH	Date:	02/	12/06	<u></u>	13
Depth:	8585'	Prog:	0	D Hrs:	0	AV ROP:	0.0	Formatio	n:	WAS		
DMC:		91	TMC:		\$35,285		TDC:	\$60,0)59	CWC:	\$1,	033,067
Contracto	r:	NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST		INTANGI	BLE C	оѕт
MW:	8.6	N° 1 P-10	00 3.5 gpm	Bit #:	2		Conductor:	\$		Loc,Cost:	\$	2,500
VIS:	52	SPM:	100	Size:	7-7/8		Surf. Csg:	\$	-	Rig Move:	\$	
PV/YP:	13/25	N° 2 P-10	00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$	-	Day Rate:	\$_	18,500
Gel:	14/20/26	SPM:		MFG:	HTC		Prod Csg:	\$	-	Rental Tools:	\$_	1,876
WL:	20	GPM:	331	S/N:	7106435		Float Equp:	\$		Trucking:	\$_	2,331
Cake:	1	Press:	870	Jets:	6-16's		Well Head:	\$	-	Water:	\$	-
Solids:	1	AV DP:	207	TD Out:			TBG/Rods:	\$	-	Fuel:	\$	12,655
Sand:		AV DC:	340	Depth In:	8585		Packers:	\$	-	Mud Logger:		
PH:	9.0	JetVel:	110	FTG:			Tanks:	\$	-	Logging:	\$	
Pf/Mf:	.3/6.6	ECD:	8.6	Hrs:			Separator:	\$	-	Cement:		-
Chlor:	6000	SPR #1 :		FPH: Heater:						Bits:		
Ca:	160	SPR #2 :		WOB: Pumping L/T: \$ Prime Mover: \$						Mud Motors:	\$_	
Dapp ppb:	5.4	Btm.Up:		R-RPM: Prime Mover:					-	Corrosion:	\$	
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$		Consultant:	\$	900
START	END	TIME	60 HR	Tot Rot Hr:	98.5		Daily Total:	\$		Drilling Mud:	\$	391
6:00	8:30	2:30	POOH W	// 720' DP	AND LD 4	-DC				Misc. / Labor:	\$	20,906
8:30	10:30	2:00	CHANGE	OUT FIS	HING TO	OLS				Csg. Crew:	\$	-
10:30	12:00	1:30	TIH TO 3	496'						Daily Total:	\$	60,059
12:00	14:00	2:00	SLIP AN	D CUT 12	0' DRLG L	INE				Cum. Wtr:		
14:00	15:30	1:30	TIH TO 1	OP OF F	SH @ 806	55'				Cum. Fuel	\$	45,249
15:30	16:30	1:00	CIRC. O	N TOP OF	FISH					Cum. Bits:	\$	9,000
16:30	6:00	13:30	JAR ON	FISH, HA	VE MOVE	FISH UP	HOLE 15'			B	HA	-
										7-7/8" PDC		1.00
										DOG SUB		1.00
			(#2 DW I	MOTOR IN	NEED O	F REPLAC	EMENT)			ММ		32.95
			(BOTH C	SENERAT	ORS IN N	EED OF RE	PLACEMEN	T)		STABILIZER		4.94
- "			(#1 MUD	PUMP IN N	IEED OF R	EPLACEME	NT, #2 <u>MUD</u> P	UMP		12-6" DC'S		370.32
			IN NEED	OF REP	AIR)						↓	
	-									ļ		
										TOTAL BHA	_	410.21
-								<u> </u>		Survey	_	°@6807'
										Survey	31,	4°@7763'
P/U			LITH:	SS, SH					-	BKG GAS		
s/o			FLARE:							CONN GAS		
ROT.			LAST CS	G	8 5/8"	SET @	3558'			PEAK GAS		
FUEL.	Used:	1058	On Hand	:	5153	Co.Man	V GUINN			TRIP GAS		



AFE Nº 40029 TO95 R18ES-26 4.3-049-36113

Well: S	WF 34-2	26-9-18		Oper:	MUD UF	AND CO	ND. HOLE	Date:	02/	9106		12
Depth:	8585'		0	D Hrs:	0	AV ROP:	0.0	Formati	on: /	WAS	ATC	н
DMC:		472	TMC:		\$32,423		TDC:	\$62,	140	CWC:	\$9	73,008
Contractor	r:	NABORS		Mud Co:	MI DRLC	FLUIDS	TANGIBI	LE COST		INTANGI	BLE C	оѕт
MW:	8.6	N° 1 P-10	00 3.5 gpm	Bit #:	2		Conductor:	\$	-	Loc,Cost:	\$	2,500
VIS:	52	SPM:	100	Size:	7-7/8		Surf. Csg:	\$	-	Rig Move:	\$	
PV/YP:	13/25	N° 2 P-10	00 3.5 gpm	Type:	HC506ZX		Int. Csg:	\$	-	Day Rate:	\$	18,500
Gel:	14/20/26	SPM:		MFG:	HTC		Prod Csg:	\$		Rental Tools:	\$	1,876
WL:	20	GPM :	331	S/N:	7106435		Float Equp:	\$	-	Trucking:	\$	2,331
Cake:	1	Press:	870	Jets:	6-16's		Well Head:	\$	-	Water:	\$_	
Solids:	4	AV DP:	207	TD Out:			TBG/Rods:	\$	-	Fuel:	\$	12,655
Sand:	,	AV DC:	340	Depth in:	8585		Packers:	\$	-	Mud Logger:		
PH:	9.0	JetVel:	110	FTG:			Tanks:	\$	-	Logging:	\$	-
Pf/Mf:	.2/6.4	ECD:	8.6	Hrs:			Separator:	\$	-	Cement:	\$	_
Chlor:	6000	SPR #1 :		FPH:	Heater:	\$	-	Bits:				
Ca:	160	SPR #2 :		WOB:			Pumping L/T:	\$	-	Mud Motors:	\$	
Dapp ppb:	5.4	Btm.Up:		R-RPM:			Prime Mover:	\$	-	Corrosion:	\$	
	Break D		DOWN TIME	WN TIME M-RPM:				\$	-	Consultant:	\$	900
START	END	TIME	60 HR	Tot Rot Hr:	98.5		Daily Total:	\$	-	Drilling Mud:	\$	2,472
6:00	10:00	4:00	JAR ON	FISH						Misc. / Labor:	\$	20,906
10:00	13:30	3:30	RU FREE	POINT T	RUCK					Csg. Crew:	\$_	-
13:30	21:30	8:00	FREEPO	INT AND	BACKOFF	AT 8065'				Daily Total:	\$	62,140
21:30	22:30	1:00	CIRC AN	D COND	MUD, BRII	NG VISC U	P TO 50			Cum. Wtr:		
22:30	3:00	4:30	POOH W	// FISHING	TOOLS A	AND RECO	VERD FISH			Cum. Fuel	\$	45,249
3:00	6:00	3:00	LD FISH	NG TOOL	S AND ST	AND BACI	K REC. DP			Cum. Bits:	\$_	9,000
										E	НА	
			RECOVE	RD 720' (OF DP ANI	0 4 DC OF	FISH			7-7/8" PDC		1.00
										DOG SUB		1.00
			(#2 DW I	MOTOR H	AS APPAF	RENTLY FA	AILED)			ММ	<u> </u>	32.95
							PLACEMEN	T)		STABILIZER		4.94
		-					NT, #2 MUD F			12-6" DC'S		370.32
			·	OF REPA								:
- 0												
	<u> </u>			····	· · · · · · · · · · · · · · · · · · ·							
19				······································						TOTAL BHA	=	410.21
					· · · · · · · · · · · · · · · · · · ·	-				Survey	3	°@6807'
										Survey	31/	4°@7763'
P/U	<u> </u>		LITH:	SS, SH						BKG GAS		
				<u> </u>						CONN GAS		
				G.	8 5/8"	SET @	3558'			PEAK GAS		
FUEL	Used:	1218	On Hand		6211	Co.Man	V GUINN			TRIP GAS		
P/U S/O ROT.	llsed:	1218	LITH: FLARE: LAST CS			SET @				Survey Survey BKG GAS CONN GAS PEAK GAS	3	°@680



AFE Nº 40029 T 095 R 18 E S-26 43-042 36/13

	07		1 70023	101	$\frac{\gamma}{\lambda}$	10	$C \cup 96$		5 077-			
Well: S	WF 34-	26-9-18		Oper:	MUD UI	AND CO	ND. HOLE	Date:		9/06		11
Depth:	8585'	Prog:	0	D Hrs:	0	AV ROP:	0.0	Formati	on:	WAS	ATC	Н
DMC:	\$6,	,778	TMC:		\$32,423		TDC:	\$28,	054	CWC:	\$9	910,868
Contractor	r:	NABORS	3	Mud Co:	MI DRLG	FLUIDS	TANGIB	LE COST		INTANGI	BLE C	OST
MW:	8.5	Nº 1 P-10	000 3.5 gpm	Bit #:	2		Conductor:	\$		Loc,Cost:	\$	
VIS:	F	SPM:		Size:	7-7/8		Surf. Csg:	\$	-	Rig Move:	\$	_
PV/YP:	R	Nº 2 P-10	000 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$	_	Day Rate:	\$	18,500
Gel:	E	SPM:		MFG:	HTC		Prod Csg:	\$	-	Rental Tools:	\$	1,876
WL:	S	GPM:	0	S/N:	7106435		Float Equp:	\$	-	Trucking:	\$	-
Cake:	Н	Press:	870	Jets:	6-16's		Well Head:	\$	-	Water:	\$	-
Solids:	W	AV DP:	207	TD Out:			TBG/Rods:	\$	_	Fuel:	\$	
Sand:	Α	AV DC:	340	Depth In:	8585		Packers:	\$	-	Mud Logger:		
PH:	Т	JetVel:	110	FTG:			Tanks:	\$	-	Logging:	\$	-
Pf/Mf:	Е	ECD:	8.6	Hrs:			Separator:	\$	-	Cement:	\$	-
Chlor:	R	SPR #1 :		FPH:			Heater:	\$	-	Bits:		
Ca:		SPR #2 :		wов:			Pumping L/T:	\$	-	Mud Motors:	\$	-
Dapp ppb:	0	Btm.Up:		R-RPM:			Prime Mover:	\$	-	Corrosion:	\$	-
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900
START	END	TIME	60 HR	Tot Rot Hr:	98.5		Daily Total:	\$	-	Drilling Mud:	\$	6,778
6:00	10:00	4:00	WASH A	ND REAM	6890-725	0'				Misc. / Labor:		
10:00	13:30	3:30	CIRC AN	D COND.	MUD AND	HOLE				Csg. Crew:	\$	-
13:30	18:00	4:30	PUMPED	PILL AN	D POOH					Daily Total:	\$	28,054
18:00	21:30	3:30	PU FISH	ING TOOL	S AND TI	H W/ DC				Cum. Wtr:		
21:30	22:30	1:00					AMS AND H	CR.		Cum. Fuel	\$	32,594
22:30	1:00	2:30	TIH TO T	OP OF FI	SH					Cum. Bits:	\$	9,000
1:00	2:00	1:00	CIRC. DO	OT NWC	TOP OF FI	SH				В	НА	
2:00	3:00	1:00	STAND E	BACK KEL	LY AND S	CREW INT	O FISH			7-7/8" PDC		1.00
3:00	6:00	3:00	JAR ON	FISH						DOG SUB		1.00
										мм		32.95
			LEFT TO	TAL BHA	AND 740'	DP IN HOL	.E			STABILIZER		4.94
										16-6" DC'S		493.77
			(#1 DW I	MOTOR IN	NEED O	F REPLACI	EMENT, BO	ГН				
						REPLACE						
			T				NT, #2 MUD P	UMP				
			+	OR REP						TOTAL BHA		533.66
										Survey	3	°@6807'
			<u> </u>							Survey	31/	4°@7763'
P/U	1	.1	LITH:	SS, SH	····					BKG GAS		
S/O			FLARE:	30,011						CONN GAS		
ROT.			LAST CS		8 5/8"	SET @	3558'		-	PEAK GAS		
FUEL						Co.Man				TRIP GAS	-	
. <u></u>		, 500	J									



AFE Nº 40029 T 095 R 18E 5-36 43-047-36113

	0/							7176		Γ	
Well: S	WF 34-	<u> 26-9-18</u>		Oper:	MUD UI	AND CO	ND. HOLE	Date: 02/			10
Depth:	8585'	Prog:	0	D Hrs:	00	AV ROP:	0.0	Formation:	WAS		
DMC:	\$5,	704	TMC:		\$25,645		TDC:	\$29,948	CWC:	\$8	82,814
Contractor	:	NABORS	3	Mud Co:	MI DRLC	FLUIDS	TANGIBI	E COST	INTANG	BLE C	OST
MW:	8.5	Nº 1 P-10	00 3.5 gpm	Bit #:	2		Conductor:	\$ -	Loc,Cost:	\$	
VIS:	F	SPM:		Size:	7-7/8		Surf. Csg:	\$ -	Rig Move:	\$	-
PV/YP:	R	Nº 2 P-10	00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$ -	Day Rate:	\$	18,500
Gel:	E	SPM:		MFG:	HTC		Prod Csg:	<u> </u>	Rental Tools:	\$	1,876
WL:	S	GPM:	0	S/N:	7106435		Float Equp:	\$ -	Trucking:	\$	
Cake:	Н	Press:	870	Jets:	6-16's		Well Head:	<u> </u>	Water:	\$	-
Solids:	W	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	
Sand:	Α	AV DC:	340	Depth In:	8585		Packers:	<u> </u>	Mud Logger:		
РН :	T	JetVel:	110	FTG:			Tanks:	<u> </u>	Logging:	\$	
Pf/Mf:	Е	ECD:	8.6	Hrs:			Separator:	\$ -	Cement:	\$	
Chlor:	R	SPR #1 :		FPH:			Heater:	\$ -	Bits:		
Ca:		SPR #2 :		WOB:			Pumping L/T:	\$ -	Mud Motors:	\$	-
Dapp ppb:	0	Btm.Up:		R-RPM:		<u> </u>	Prime Mover:	\$ -	Corrosion:	\$	-
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	<u> </u>	Consultant:	\$	900
START	END	TIME	60 HR	Tot Rot Hr:	98.5		Daily Total:	\$ -	Drilling Mud:	\$	5,704
6:00	8:00	2:00	FINISH F	OOH W/	DP				Misc. / Labor:	\$	2,968
8:00	9:30	1:30	PU BIT, I	3S, AND 1	DC.				Csg. Crew:	\$	
9:30	10:30	1:00	RU LAYE	OWN TR	UCK AND	HOLD SAF	ETY MEETI	NG	Daily Total:	\$	29,948
10:30	12:00	1:30	PU 7 DC	AND RD	LAYDOW	N TRUCK	<u> </u>		Cum. Wtr:		
12:00	2:00	14:00	TIH TO 4	136'					Cum. Fuel	\$	32,594
2:00	19:00	17:00	CIRC. H	OLE AND	MUD UP				Cum. Bits:	\$	9,000
19:00	20:00	1:00	тін то є	600'						BHA	
20:00	23:30	3:30	CIRC. H	OLE AND	MUD UP				7-7/8" PDC	ļ	1.00
23:30	2:30	3:00	WASH A	ND REAM	1 6600-689	0'			DOG SUB		1.00
2:30	6:00	3:30	CIRC. H	OLE AND	BUILD UP	MUD VOL	UME (LOOS	ING MUD)	мм		32.95
									STABILIZER	<u> </u>	4.94
			LEFT TO	TAL BHA	AND 740'	DP IN HO	<u>.E</u>		16-6" DC'S		493.77
									7-7/8" BIT		1.00
					-				8-6" DC'S		251.08
									TOTAL BHA	=	785.74
									Survey	3	°@6807'
									Survey	3½	4°@7763'
P/U		-	LITH:	SS, SH					BKG GAS		
S/O			FLARE:						CONN GAS		
ROT.			LAST CS	G.	8 5/8"	SET @	3558'		PEAK GAS		
FUEL	Used:	1327	On Hand		3959	Co.Man	V GUINN		TRIP GAS		



AFE Nº 40029 TOGS RIBE S-36 43-042-36/13

	07						- 1 0 1 <u>- 1</u>		00/			$\overline{}$		
Well: S				Oper:		POOH W/		Date:			<u> </u>	9		
Depth:	8585'	Prog:	0	D Hrs:	0	AV ROP:	0.0	Formati		T	WASATCH :: \$852 INTANGIBLE COS oost: \$ ove: \$ date:			
DMC:	\$1,	165	TMC:		\$19,940		TDC:	\$35,	956	cwc:				
Contractor	:	NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL			INTANGI		OST		
MW:	8.5	Nº 1 P-10	00 3.5 gpm	Bit #:	2		Conductor:	\$	<u>-</u>	Loc,Cost:				
VIS:	F	SPM:		Size:	7-7/8		Surf. Csg:	\$	-	Rig Move:		-		
PV/YP:	R	Nº 2 P-10	00 3.5 gpm	Туре:	HC506ZX		Int. Csg:	\$	-	Day Rate:		18,500		
Gel:	E	SPM:		MFG:	HTC		Prod Csg:	\$		Rental Tools:		1,876		
WL:	S	GPM:	0	S/N:	7106435		Float Equp:	\$	-	Trucking:				
Cake:	Н	Press:	870	Jets:	6-16's		Well Head:	\$	-	Water:				
Solids:	W	AV DP:	207	TD Out:			TBG/Rods:	\$	-	Fuel:				
Sand:	Α	AV DC:	340	Depth In:	8585		Packers:	\$		Mud Logger:		850		
PH:	Т	JetVel:	110	FTG:			Tanks:	\$	-	Logging:				
Pf/Mf:	Е	ECD:	8.6	Hrs:			Separator:	\$	<u>-</u>	Cement:	\$			
Chlor:	R	SPR #1 :		FPH:			Heater:	\$	-	Bits:				
Ca:		SPR #2 :		wов:			Pumping L/T:	\$	-	Mud Motors:				
Dapp ppb:	0	Btm.Up:		R-RPM:			Prime Mover:	\$	-	Corrosion:		-		
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900		
START	END	TIME	60 HR	Tot Rot Hr:	98.5		Daily Total:	\$	-	Drilling Mud:	\$	1,165		
6:00	10:30	4:30	FINISH T	TH WORK	ING TIGH	T HOLE A	Г 4021 & 688	30.		Misc. / Labor:	\$	12,665		
10:30	11:00	0:30	ATTEMP	T TO WA	SH DOWN	60' W/O F	RETURNS			Csg. Crew:				
11:00	20:30	9:30	WORK S	TUCK PIF	PΕ					Daily Total:	\$	35,956		
20:30	4:00	7:30	RU WIRE	ELINE TRI	JCK AND	FREEPOIN	IT/BO DP @	7254'		Cum. Wtr:				
4:00	6:00	2:00	POOH W	// DP						Cum. Fuel	\$	32,594		
										Cum. Bits:	\$_	9,000		
			LEFT TO	TAL BHA	AND 740'	DP IN HOL	E			<u></u>	НА			
										7-7/8" PDC		1.00		
										DOG SUB		1.00		
						···				мм		32.95		
		<u> </u>	<u> </u>							STABILIZER		4.94		
										16-6" DC'S		493.77		
		 												
	 			 					_					
		+								TOTAL BHA	•	533.66		
		1	1							Survey	3	°@6807'		
	ļ		 	<u>-</u>						Survey	31	4°@7763'		
	<u> </u>	<u> </u>	LITH:	SS, SH				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		BKG GAS	•	20		
P/U			FLARE:	00, 011_						CONN GAS				
S/O					8 5/8"	SET @	3558'			PEAK GAS				
ROT.	1100-1	005	LAST CS		5286	Co.Man	V GUINN			TRIP GAS	<u> </u>			
FUEL	Used:	925	On Hand		3200	CO.Mail	7 001111							



AFE Nº 40029 Togs R18E S-26 43-042-36/13

	07					INCOME		Inct-:	02/		_	8
Well: S				Oper:		INCOMP		1			٨٣٨	
Depth:	8585'		0	D Hrs:	0	AV ROP:	0.0	Formatio	_	WAS		
DMC:		0	тмс:		\$18,596		TDC:	\$30,1	51	CWC:		316,910
Contractor	r:	NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL			INTANGI		OSI
MW:	8.5	Nº 1 P-10	00 3.5 gpm	Bit #:	1		Conductor:		-	Loc,Cost:	\$	
VIS:	F	SPM:		Size:	7-7/8	7-7/8	Surf. Csg:			Rig Move:	\$	
PV/YP:	R	Nº 2 P-10	00 3.5 gpm	Туре:	HC504ZX		Int. Csg:			Day Rate:	\$	3,854
Gel:	END	SPM:		MFG:	HTC	HTC	Prod Csg:	\$		Rental Tools:	\$_	1,876
WL:	s	GPM:	0	S/N:	7110377	7106435	Float Equp:	\$		Trucking:	\$	2,354
Cake:	Н	Press:	870	Jets:	6-16's	6-16's	Well Head:	\$	-	Water:	\$	
Solids:	w	AV DP:	207	TD Out:	8585		TBG/Rods:	\$	-	Fuel:	\$	20,317
Sand:	Α	AV DC:	340	Depth In:	3558	8585	Packers:	\$		Mud Logger:	\$	85 <u>0</u>
PH:	Т	JetVel:	110	FTG:	5027		Tanks:	\$		Logging:	\$	
Pf/Mf:	Е	ECD:	8.6	Hrs:	98		Separator:	\$	-	Cement:	\$	-
Chlor:	R	SPR #1 :		FPH:	51.3		Heater:	\$		Bits:		
Ca:		SPR #2 :		WOB:	13-15		Pumping L/T:	\$	_	Mud Motors:	\$	-
Dapp ppb:	0	Btm.Up:		R-RPM:	55-50		Prime Mover:	\$	-	Corrosion:	\$	-
	Break D		DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900
START	END	TIME	1	Tot Rot Hr:	98.5	98.5	Daily Total:	\$	-	Drilling Mud:	\$	-
6:00	1:00	19:00		E#1 DW	MOTOR	•				Misc. / Labor:	\$	-
1:00	3:00	2:00	FINISH F							Csg. Crew:	\$	-
3:00	4:00	1:00			AND MM					Daily Total:	\$	30,151
4:00	6:00	2:00	 	OMPLETE						Cum. Wtr:		
4.00	0.00	2.00	111111100	<u> </u>						Cum. Fuel	\$	32,594
	<u> </u>									Cum. Bits:	\$	9,000
	ļ									E	BHA	
	<u> </u>		†							7-7/8" PDC		1.00
	-	<u> </u>	<u> </u>							DOG SUB		1.00
										ММ		32.95
	 		<u> </u>							STABILIZER		4.94
	 									16-6" DC'S		493.77
	-	 	 									
	 	 	 					-				
			 						-			
										TOTAL BHA	=	533.66
	-	-								Survey	τ	°@6807'
			-							Survey		/4°@7763'
	<u> </u>		1.1711	CC CH					_	BKG GAS		20
P/U			LITH:	SS, SH						CONN GAS		
S/O			FLARE:		8 5/8"	SET @	3558'			PEAK GAS		
ROT.		00.40	LAST CS			Co.Man	V GUINN			TRIP GAS		
FUEL	Used:	2248	On Hand		6211	CO.Man	4 9011414			0/10		



AFE Nº 40029 + 095 R 18E 5-26 43-040-36/13

	0,										
Well: S	WF 34-	26-9-18		Oper:		FLOOR M			6/06	7	
Depth:	8585'	Prog:	0	D Hrs:	0	AV ROP:	0.0	Formation:	1	ATCH	205
DMC:	9	0	TMC:		\$18,596		TDC:	\$3,626	CWC:	\$775,8	305
Contractor		NABORS	<u> </u>	Mud Co:	MI DRLG	FLUIDS	TANGIBL		INTANGI	BLE COST	
MW:	8.5	Nº 1 P-10	00 3.5 gpm	Bit #:	1		Conductor:	<u>\$</u> -	Loc,Cost:	\$	
VIS:	F	SPM:	115	Size:	7/7/2008		Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	R	N° 2 P-10	00 3.5 gpm	Туре:	HC504ZX		int. Csg:	<u> </u>	Day Rate:	\$	
Gel:	END	SPM:		MFG:	HTC		Prod Csg:	\$ -	Rental Tools:		,876
WL:	S	GPM:	381	S/N:	7110377		Float Equp:	<u> </u>	Trucking:	\$	
Cake:	Η	Press:	870	Jets:			Well Head:	<u> </u>	Water:	\$	
Solids:	W	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	
Sand:	Α	AV DC:	340	Depth In:	3558		Packers:	<u> </u>	Mud Logger:	\$	850
PH:	T	JetVel:	110	FTG:	5027		Tanks:	\$ -	Logging:	\$	-
Pf/Mf:	Ε	ECD:	8.6	Hrs:	98		Separator:	<u>\$</u> -	Cement:	\$	
Chlor:	R	SPR #1 :		FPH:	51.3		Heater:	<u>\$</u> -	Bits:		
Ca:		SPR #2 :	66-328	W OB:	13-15		Pumping L/T:	\$ <u>-</u>	Mud Motors:	\$	
Dapp ppb:	0	Btm.Up:		R-RPM:	55-50		Prime Mover:	\$	Corrosion:	\$	-
	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$ -	Consultant:	\$	900
START	END	TIME	14 HR	Tot Rot Hr:	98.5		Daily Total:	\$ -	Drilling Mud:	\$	-
6:00	5:59	24	LOOKING	G FOR RE	PLACEME	NT FLOO	R MOTORS		Misc. / Labor:	\$	
3.00									Csg. Crew:	\$	
									Daily Total:	\$:	3,626
									Cum. Wtr:		
									Cum. Fuel	\$ 12	2,277
									Cum. Bits:	\$ 9	9,000
									E	НА	
				<u> </u>					7-7/8" PDC		1.00
	-								DOG SUB		1.00
		†	-						мм		33.00
		<u> </u>	†						STABILIZER		4.94
	<u> </u>	 							16-6" DC'S		193.77
								·			
	 	 									
	 	+				· · · · · · · · · · · · · · · · · · ·					
	 	 							TOTAL BHA	=	533.71
-	+-	-	1						Survey	3°@6	807'
	-		1						Survey	3¼°@	
		<u> </u>	L ITU:	SS, SH					BKG GAS	20	
P/U			LITH:	ээ, эп					CONN GAS		
S/O			FLARE:		8 5/8"	SET @	3558'		PEAK GAS		
ROT.		705	LAST CS			Co.Man	V GUINN		TRIP GAS		
FUEL	Used:	795	On Hand) <u>. </u>	3959	CO.Man	A GOUALA				



AFE Nº 40029 Togs RISE S-2643-042-36/13

Contractor: NABORS Mud Co: MI DRLG FLUIDS TANGIBLE COST INTANGIBLE MW: 8.5 Nº 1 P-1000 3.5 gpm Bit #: 1 Conductor: \$ - Loc,Cost: \$ VIS: F SPM: 115 Size: 7/7/2008 Surf. Csg: \$ - Rig Move: \$ PV/YP: R N° 2 P-1000 3.5 gpm Type: HC504ZX Int. Csg: \$ - Day Rate: \$	5797,008 cost - - 18,500
DMC: \$586 TMC: \$18,596 TDC: \$24,829 CWC: \$COMMITTED CONTROLLING Contractor: NABORS Mud Co: MI DRLG FLUIDS TANGIBLE COST INTANGIBLE COST INTANGIBLE COST INTANGIBLE COST INTANGIBLE COST SUFA CONTROLLING \$ - Loc,Cost: \$ CONDUCTOR: \$ - Loc,Cost: \$ CONTROLLING \$ CONTROLL	- - 18,500
Contractor: NABORS Mud Co: MI DRLG FLUIDS TANGIBLE COST INTANGIBLE MW: 8.5 № 1 P-1000 3.5 gpm Bit #: 1 Conductor: \$ - Loc,Cost: \$ VIS: F SPM: 115 Size: 7/7/2008 Surf. Csg: \$ - Rig Move: \$ PV/YP: R № 2 P-1000 3.5 gpm Type: HC504ZX Int. Csg: \$ - Day Rate: \$	- - 18,500
WW: 0.5 N 1 P-1000 3.5 gpm Stew. 7/7/2008 Surf. Csg: \$ - Rig Move: \$ VIS: F SPM: 115 Size: 7/7/2008 Surf. Csg: \$ - Rig Move: \$ PV/YP: R № 2 P-1000 3.5 gpm Type: HC504ZX Int. Csg: \$ - Day Rate: \$	
VIS: F SPM: 115 Size: 7/7/2008 Surf. Csg: \$ - Rig Move: \$ PV/YP: R № 2 P-1000 3.5 gpm Type: HC504ZX Int. Csg: \$ - Day Rate: \$	
PV/YP: R № 2 P-1000 3.5 gpm Type: HC504ZX Int. Csg: \$ - Day Rate: \$	
	4 076
Gel: END SPM: MFG: HTC Prod Csg: \$ - Rental Tools: \$	1,876
WL: S GPM: 381 S/N: 7110377 Float Equp: \$ - Trucking: \$	1,422
Cake: H Press: 870 Jets: Well Head: \$ - Water: \$	-
Solids: W AV DP: 207 TD Out: TBG/Rods: \$ - Fuel: \$	
Sand: A AV DC: 340 Depth In: 3558 Packers: \$ - Mud Logger: \$	850
PH: T JetVel: 110 FTG: 5027 Tanks: \$ - Logging: \$	-
Pf/Mf: E ECD: 8.6 Hrs: 98 Separator: \$ - Cement: \$	
Chlor: R SPR #1: FPH: 51.3 Heater: \$ - Bits:	
Ca: SPR #2: 66-328 WOB: 13-15 Pumping L/T: \$ - Mud Motors: \$	600
Dapp ppb: 0 Btm.Up: R-RPM: 55-50 Prime Mover: \$ - Corrosion: \$	95
Time Break Down: DOWN TIME M-RPM: Misc: \$ - Consultant: \$	900
START END TIME 14 HR Tot Rot Hr: 98.5 Daily Total: \$ - Drilling Mud: \$	586
6:00 12:00 6:00 DRLG 8492' - 8585' (93, 15.5 FPH). Misc. / Labor: \$	<u> </u>
12:00 12:30 0:30 PREP TO POOH FOR BIT #2 Csg. Crew: \$	
12:30 15:00 2:30 POOH TO 5136' Daily Total: \$	24,829
15:00 16:00 1:00 WORK ON #1 FLOOR MOTOR Cum. Wtr:	
16:00 17:00 1:00 POOH TO 3133' Cum. Fuel \$	12,277
17:00 18:00 1:00 REPLACE STARTER ON #1 FLOOR MOTOR Cum. Bits: \$	9,000
18:00 6:00 12:00 UNABLE TO START MOTOR, WO REPLACEMENT BHA	
7-7/8" PDC	1.00
DOG SUB	1.00
ММ	33.00
STABILIZER	4.94
16-6" DC'S	493.77
TOTAL BHA =	533.71
Survey	3°@6807'
Survey	3¼°@7763'
P/U 180 LITH: SS, SH BKG GAS	20
S/O 170 FLARE: CONN GAS	60
ROT. 170 LAST CSG. 8 5/8" SET @ 3558' PEAK GAS	70
FUEL Used: 795 On Hand: 3959 Co.Man V GUINN TRIP GAS	



AFE Nº 40029 TO95 RISE 5-26 43-047-361/3

	Well: SWF 34-26-9-18					1 40023		110E		07	
Well: S\	NF 34-	26-9-18		Oper:		DRILLIN		Date: 02/			5
Depth:	8492'	Prog:	761	D Hrs:	23	AV ROP:	33.8	Formation:	WAS		
DMC:	\$7	7 55	тмс:		\$18,009		TDC:	\$26,648	CWC:		72,179
Contractor	:	NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBI	LE COST	INTANGI		OST
MW:	8.5	Nº 1 P-10	00 3.5 gpm	Bit #:	1		Conductor:	<u> </u>	Loc,Cost:	\$	-
VIS:	F_	SPM:	115	Size:	7/7/2008		Surf. Csg:	<u> </u>	Rig Move:	\$	
PV/YP:	R	Nº 2 P-10	00 3.5 gpm	Туре:	HC504ZX		Int. Csg:	<u> </u>	Day Rate:	\$	18,500
Gel:	END	SPM:		MFG:	HTC		Prod Csg:	<u> </u>	Rental Tools:	\$	1,876
WL:	S	GPM:	381	S/N:	7110377		Float Equp:	<u> </u>	Trucking:	\$	1,422
Cake:	Н	Press:	870	Jets:			Well Head:	<u> </u>	Water:	\$	-
Solids:	W	AV DP:	207	TD Out:			TBG/Rods:	\$ -	Fuel:	\$	-
Sand:	Α	AV DC:	340	Depth In:	3558_		Packers:	\$ -	Mud Logger:	\$	850
PH:	Т	JetVel:	110	FTG:	4934		Tanks:	<u> </u>	Logging:	\$_	-
Pf/Mf:	E	ECD:	8.6	Hrs:	92		Separator:	\$ -	Cement:	\$	-
Chlor:	R	SPR #1 :		FPH:	53.6		Heater:	\$ -	Bits:		
Ca:		SPR #2 :	66-328	w ов:	13-15		Pumping L/T:	\$ -	Mud Motors:	\$	2,250
Dapp ppb:	0	Btm.Up:		R-RPM:	55-50		Prime Mover:	\$ -	Corrosion:	\$	95
	Break D		DOWN TIME	M-RPM:			Misc:	\$ <u>-</u>	Consultant:	\$	900
START	END	TIME	1	Tot Rot Hr:	92.5		Daily Total:	\$ -	Drilling Mud:	\$	755
6:00	6:30	0:30	DRLG 77	'31' <i>-</i> 7793	5' (62, 124	FPH).			Misc. / Labor:	\$	_
6:30	7:30	1:00	WIRELIN	IE SURVE	Y @ 7763	', 3¼°			Csg. Crew:	\$	_
7:30	6:00	22:30			2' (699, 31.				Daily Total:	\$	26,648
									Cum. Wtr:		
									Cum. Fuel	\$	12,277
									Cum. Bits:	\$	9,000
									E	HA	
-									7-7/8" PDC		1.00
-									DOG SUB		1.00
<u> </u>									мм		33.00
									STABILIZER		4.94
		†							16-6" DC'S		493.77
			 								
	-	 	<u> </u>	-							
-	<u> </u>	 	 								
	\vdash								TOTAL BHA	•	533.71
	 	 							Survey	3	°@6807'
	<u> </u>	<u> </u>	 						Survey	+	⁄4°@7763'
	400		1174.	SS, SH	.,,		**		BKG GAS	•	30
P/U	180		LITH:	33, 3F					CONN GAS		155
S/O	170		FLARE:		0 E/0"	SET A	3558'		PEAK GAS		335
										15	55 @ 7809
ROT. FUEL	170 Used :	1847	LAST CS On Hand		8 5/8" 4754	SET @ Co.Man			TRIP GAS	<u>15</u>	



AFE Nº 40029 Togs RIBES-26 43-047-3613

Well: SV	NF 34-2	26-9-18		Oper:	DRILLIN						4	
Depth:	7731'	Prog:	1334	D Hrs:	23	AV ROP:	58. <u>0</u>	Forma	tion:	UIN	<u>ATI</u>	
DMC:			TMC:		\$12,254		TDC:	\$53	,035	CWC:	<u>\$</u> 7	45,531
Contractor	:			Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COS	Γ	INTANGI	BLE C	оѕт
MW:	8.5	Nº 1 P-100	00 3.5 gpm	Bit#:	1		Conductor:	\$		Loc,Cost:	\$	
VIS:	F	SPM:		Size:	7/7/2008		Surf. Csg:	\$		Rig Move:	\$	1,812
PV/YP:	R	Nº 2 P-10	00 3.5 gpm	Туре:	HC504ZX		Int. Csg:	\$		Day Rate:	\$	18,500
Gel:	END	SPM:	115	MFG:	HTC		Prod Csg:	\$		Rental Tools:	\$	1,876
WL:	S	GPM:	381	S/N:	7110377		Float Equp:	\$	_	Trucking:	\$	1,422
Cake:	Н	Press:	870	Jets:			Well Head:	\$_		Water:	\$	-
Solids:	W	AV DP:	207	TD Out:			TBG/Rods:	\$		Fuel:	\$	12,277
Sand:	Α	AV DC:	340	Depth In:	3558		Packers:	\$		Mud Logger:	\$_	850
PH:	Т	JetVel:	110	FTG:	4173		Tanks:	\$		Logging:	\$	
Pf/Mf:	E	ECD:	8.6	Hrs:	69.5		Separator:	\$		Cement:	\$	
Chlor:	R	SPR #1 :		FPH:	60.0		Heater:	\$		Bits:		
Ca:		SPR #2 :	66-310	w ов:	13-15		Pumping L/T:	\$		Mud Motors:	\$_	2,300
Dapp ppb:	0	Btm.Up:		R-RPM:	55-50		Prime Mover:	\$	-	Corrosion:	\$	95
	Break D		DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900
START	END	TIME		Tot Rot Hr:	70		Daily Total:	\$	_	Drilling Mud:	\$	10,180
6:00	9:00	3:00	DRLG 63	397' <i>-</i> 6587	" (190, 63.0	0 FPH).				Misc. / Labor:	\$	2,823
9:00	9:30	0:30					AMS AND H	CR.		Csg. Crew:	\$	-
9:30	13:30	4:00			" (220, 55.0					Daily Total:	\$	53,035
13:30	14:00	0:30	WIRELIN	IE SURVE	Y @ 6807	', 3.0°				Cum. Wtr:		
14:00	6:00				' (924, 57.					Cum. Fuel	\$	12,277
										Cum. Bits:	\$	9,000
										В	НА	
										7-7/8" PDC		1.00
										DOG SUB		1.00
										мм		33.00
	 									STABILIZER		4.94
										16-6" DC'S		493.77
			<u> </u>									
									TOTAL BHA	=	533.71	
		 								Survey	2-3	3/4°@5773
		 								Survey	3	°@6807'
P/U	160)	LITH:	, , , , ,						BKG GAS		40
s/0	145		FLARE:							CONN GAS		305
	152		LAST CS		8 5/8"	SET @	3558'			PEAK GAS		335
ROT. FUEL	Used:	1467	On Hand		6601	Co.Man				TRIP GAS		



AFE Nº 40029 TO9S R18E S-26 43-047-36/13

vveii: 5V	VF 34-2	26-9-18		Oper:		DRILLING	3	Date	: 02/	1/06		2
Depth:	5158'	Prog:	1470	D Hrs:	2	AV ROP:	980.0	Forma	tion:	UIN	ITA_	
DMC:		100	TMC:	-	\$4,100		TDC:	\$26	,101	CWC:	\$6	49,896
Contractor:	*			Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COS	Т	INTANGII	BLE C	OST
MW:	8.5	Nº 1 P-10	00 3.5 gpm	Bit #:	1		Conductor:	\$	-	Loc,Cost:	\$	
VIS:	F	SPM:		Size:	7/7/2008		Surf. Csg:	\$		Rig Move:	\$	
PV/YP:	R	Nº 2 P-10	00 3.5 gpm	Type:	HC504ZX		Int. Csg:	\$	-	Day Rate:	\$	18,500
Gel:	-	SPM:	115	MFG:	HTC		Prod Csg:	\$	-	Rental Tools:	\$	1,876
WL:		GPM:	381	S/N:	7110377		Float Equp:	\$	_	Trucking:	\$	
Cake:		Press:	870	Jets:			Well Head:	\$		Water:	\$	
Solids:	W	AV DP:		TD Out:			TBG/Rods:	\$	-	Fuel:	\$	
Sand:	A	AV DC:		Depth In:	3558		Packers:	\$	-	Mud Logger:	\$	850
PH:	Т	JetVel:		FTG:	1600		Tanks:	\$	-	Logging:	\$	-
Pf/Mf:	E	ECD:		Hrs:	1.5		Separator:	\$	-	Cement:	\$	
Chlor:	R	SPR #1 :		FPH:	1066.7		Heater:	\$	-	Bits:		
Ca:		SPR #2 :	67-215	WOB:	10		Pumping L/T:	\$	-	Mud Motors:	\$	2,250
Dapp ppb:	0	Btm.Up:		R-RPM:	45-50		Prime Mover:	\$		Corrosion:	\$	95
	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900
START	END	TIME		Tot Rot Hr:	1.5		Daily Total:	\$	-	Drilling Mud:	\$	
6:00	13:30	7:30	DRLG 36	88' - 4155	5' (467, 62.3	3 FPH).				Misc. / Labor:	\$	1,630
13:30	14:00	0:30	RIG SER	VICE, TE	ST HYDRIL	L, PIPE R	AMS AND H	CR.		Csg. Crew:	\$	-
14:00	18:00	4:00	DRLG 41	155' - 4584	' (429, 95.3	3 FPH).				Daily Total:	\$	26,101
18:00	18:30	0:30	RIG SER	VICE, TE	ST HYDRII	LL, PIPE R	AMS AND H	CR.		Cum. Wtr:		
18:30	19:30	1:00	DRLG 45	584' - 4679	9' (95, 95.0	FPH).				Cum. Fuel		
19:30	20:00	0:30	WIRELIN	NE SURVE	Y @ 3558'	', 1-3/4°				Cum. Bits:	\$	9,000
20:00	6:00	10:00	DRLG 46	679' <i>-</i> 5158	3' (479, 47.	9 FPH).					НА	
	. "									7-7/8" PDC		1.00
										DOG SUB		1.00
										мм		33.00
										STABILIZER		4.94
										16-6" DC'S		493.77
											<u></u>	
										TOTAL BHA	-	533.71
										Survey	1.5	5°@3558'
										Survey	1-3	3/4°@4598
P/U	127	,	LITH:							BKG GAS		85
S/O	115		FLARE:							CONN GAS		495
ROT.	125		LAST CS		8 5/8"	SET @	3558'		. ,	PEAK GAS		495
FUEL	Used:	1324	On Hand		1887	Co.Man	V GUINN			TRIP GAS		



AFE Nº 40029 + 098 R18E 5-26 43-047-36113

	07			<u> </u>		DRILLIN	LLING Date: 01/31/06 1					1		
Well: S				Oper:		Γ		 		GREEN	L RIV			
Depth:	3688'		130	D Hrs:	2	AV ROP:	86.7	Formati \$40,		CWC:		23,700		
DMC:	\$4,	100	TMC:		\$4,100	FLUIDO	TDC:		200	INTANGI				
Contractor				Mud Co:	MI DRLG	FLUIDS	TANGIBL				\$			
MW:	8.5	Nº 1 P-10	00 3.5 gpm	Bit #:	1 7/7/0000		Conductor:	<u>\$</u> \$		Loc,Cost: Rig Move:	<u>\$</u>			
VIS:	F	SPM:		Size:	7/7/2008		Surf. Csg:				\$	18,500		
PV/YP:	R	Nº 2 P-10		Туре:	HC504ZX		Int. Csg:	\$	-	Day Rate:	\$	1,876		
Gel:	END	SPM:	115	MFG:	HTC		Prod Csg:			Rental Tools:	-	1,070		
WL:	_S_	GPM:	381	S/N:	7110377		Float Equp:	\$		Trucking:				
Cake:	H	Press:	870	Jets:			Well Head:	\$	-	Water:	\$			
Solids:	W	AV DP:		TD Out:			TBG/Rods:	\$		Fuel:	\$			
Sand:	Α	AV DC:		Depth In:	3558		Packers:	\$	-	Mud Logger:	\$			
PH :	T	JetVel:		FTG:	130		Tanks:	\$		Logging:	\$_			
Pf/Mf:	E	ECD:		Hrs:	1.5		Separator:	\$	-	Cement:	\$			
Chlor:	R	SPR #1 :		FPH:	86.7		Heater:	\$	-	Bits:	\$	9,000		
Ca:		SPR #2 :	67-233	wов:	10		Pumping L/T:	\$		Mud Motors:	\$_	150		
Dapp ppb:	0	Btm.Up:		R-RPM:	45-50		Prime Mover:	\$	_	Corrosion:	\$			
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$		Consultant:	\$	900		
START	END	TIME		Tot Rot Hr:	1.5		Daily Total:		-	Drilling Mud:	\$			
6:00	12:00	6:00	PRESS 1	TEST BOF		Misc. / Labor:	\$	9,842						
12:00	17:00	5:00	WORK C	N CAT H	EAD AND	STRAP DE	AND DC			Csg. Crew:	\$			
17:00	18:00	1:00	CUT DO	WN CELL	AR RIG					Daily Total:	\$	40,268		
18:00	19:00	1:00	RU LAYI	DOWN MA	CHINE					Cum. Wtr:				
19:00	24:00	5:00	PU DC 8	DP AND	TIH					Cum. Fuel				
24:00	1:00	1:00	RD LAY	DOWN MA	CHINE					Cum. Bits:				
1:00	4:00	3:00	DRLD F	C, CEMEN	IT, AND SI	HOE				Е	HA			
4:00	4:30	0:30			EY @ 3558					7-7/8" PDC		1.00		
4:30	6:00	1:30			8' (130, 86.					DOG SUB		1.00		
1.00	0.00									мм	<u> </u>	33.00		
									_	STABILIZER		4.94		
										16-6" DC'S		493.77		
_	 	1	<u> </u>											
-	 		1											
<u> </u>			 	<u> </u>						TOTAL BHA		533.71		
	+		 							Survey	1.	5°@3558'		
-	 		+							Survey				
D#1	400		LITH:							BKG GAS				
P/U	100							*	CONN GAS					
S/O	90		FLARE:		SET @									
ROT.	100	J		AST CSG. 8 5/8" SET @										
FUEL	Used:		On Hand: 6211 Co.Man V GUINN							TRIP GAS				



AFE Nº 40029 Togs RIBF 5-26 43-042-36/13

	67					DIC LID			1/25/06			J4
Well: S	WF 34-26			Oper:		RIG UP		Date: 0		Days:	K	
Depth:		Prog:	0	D Hrs:		AV ROP:	I	Formation		# 04	26 52	_
DMC:	\$0		TMC:	<u> </u>	\$0		TDC:		6 CWC:		96,52	' -
Contractor	r: NA	BORS RI	G 611	Mud Co:	MI DRLG	FLUIDS	TANGIBI			ANGIBLE CO		-
MW:		Nº 1 P-10	00 3.5 gpm	Bit #:			Conductor:	<u>\$ -</u>	Loc,Cost:		\$ \$	
VIS:		SPM:		Size:			Surf. Csg:	\$ -	Rig Move:			6 650
PV/YP:		N° 2 P-10	00 3.5 gpm	Туре:			Int. Csg:	\$ -	Day Rate:			6,650 1 976
Gel:		SPM:		MFG:			Prod Csg:	\$ -	Rental Tools:			1,876
WL:		GPM:		S/N:			Float Equp:	<u>\$ -</u>	Trucking:		<u>\$</u>	
Cake:		Press:		Jets:			Well Head:	<u> </u>	Water:		\$	
Solids:		AV DP:		TD Out:			TBG/Rods:	<u> </u>	Fuel:		\$	
Sand:		AV DC:		Depth In:			Packers:	<u>\$ -</u>	Mud Logger:		<u>\$</u>	
PH:		JetVel:		FTG:			Tanks:	<u> </u>	Logging:		\$	
Pf/Mf:		ECD:		Hrs:			Separator:	<u>\$ -</u>	Cement:		\$	
Chlor:		SPR #1 :		FPH:			Heater:	<u> </u>	Bits:		\$	
Ca:		SPR #2 :	_	WOB:			Pumping L/T:	\$ -	Mud Motors:		\$	-
Dapp ppb:		Btm.Up:		R-RPM:			Prime Mover:	<u> </u>	Corrosion:		\$	
Tim	e Break Do	wn:	DOWN TIME	M-RPM:			Misc:	<u>\$ -</u>	Consultant:		\$	900
START	END	TIME	.,,.	Total Rot. H	rs:		Daily Total:	<u> </u>	Drilling Mud:		\$	-
			MOVE IN	AND RIG	UP ON S	WF 34-26-	9-18.		Misc. / Labor:		\$	-
									Csg. Crew:		\$	-
									Daily Total:	*	\$ 1	9,426
									Cum. Wtr:			
							· · · · · · · · · · · · · · · · · · ·		Cum. Fuel			
									Cum. Bits:			
										BHA		
	<u> </u>	†	<u> </u>									
		1							TOTAL BH	\=		0.00
		 	†			-			Survey			
	 	0.00	†						Survey			
P/U	<u>. </u>	3.00	LITH:						BKG GAS			
S/O	<u> </u>		FLARE:						CONN GAS			
ROT.			LAST CS	iG.	8 5/8"	SET @	3520'		PEAK GAS			
FUEL	Used:		On Hand		<u> </u>		J DUNCAN		TRIP GAS			
LOEL	useu.		Cirriand			J 0	5 = 5 				-	



AFE Nº 40029 TO95 RIBE 5-36 43-047-36113

	-0/		<u>.</u>	<u> </u>	AFE	N° 40029		1	3-26 9.	3-07%	
Well: S	WF 34-2	6-9-18		Oper:		DRILLING		Date: 03/			42
Depth:	12109'	Prog:	18	D Hrs:	3.5	AV ROP:	5.1	Formation:		INNYSIE	
DMC:	\$2,8	836	TMC:		\$120,304		TDC:	\$36,012	CWC:		\$2,058,623
Contractor	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIB	LE COST	INTA	NGIBLE C	OST
MW:	10.6	Nº 1 P-10	00 3.5 gpm	Bit #:	8RR	9	Conductor:	\$ -	Loc,Cost:		-
VIS:	53	SPM:	115	Size:	7 7/8	7 7/8	Surf. Csg:	<u> </u>	Rig Move:		-
PV/YP:	19/20	Nº 2 P-10	00 3.5 gpm	Туре:	K503BPX	DSX 199	Int. Csg:	\$ -	Day Rate:		18,500
Gel:	12/35/41	SPM:	*	MFG:	STC	HYC	Prod Csg:	\$ -	Rental Tools:		1,876
WL:	14.8	GPM:	401_	S/N:	JW3973	110535	Float Equp:	\$ -	Trucking:		-
Cake:	1 <u>/</u>	Press:	1745	Jets:	TFA 1.2		Well Head:	<u> </u>	Water:		<u>-</u>
Solids:	13	AV DP:	204_	TD Out:	12109		TBG/Rods:	\$ -	Fuel:		-
Sand:		AV DC:	336	Depth In:	11621	12109	Packers:	<u> </u>	Mud Logger:		850
PH :	9.0	JetVel:	109	FTG:	488'	18	Tanks:	\$	Logging:		-
Pf/Mf:	.2/6.2	ECD:	11.07	Hrs:	83	3.5	Separator:	\$ -	Cement:		\$ <u>-</u>
Chlor:	5000	SPR #1 :		FPH:	5.9	5.1	Heater:	\$ -	Bits:		8,500
Ca:	160	SPR #2 :	59-475	wов:	18-20	10/15	Pumping L/T:	\$	Mud Motors:		\$ 2,300
Dapp ppb:	5.1	Btm.Up:	58	R-RPM:	60	50	Prime Mover:	\$ -	Corrosion:		\$ 100
Time	Break Do	own:	DOWN TIME	M-RPM:	405	52	Misc:	\$	Consultant:		\$ 900
START	END	TIME	62.5 HR	Tot Rot Hr:	499		Daily Total:	\$ -	Drilling Mud:		\$ 2,836
6:00	9:30	3:30	DRLG 112	2091' - 121	09' (18', 5.1	FPH).		-	Misc. / Labor:		\$ 150
9:30	10:00	0:30	PUMP PIL	L, DROP S	SURVEY @	12027 = 2°			Csg. Crew:		\$ -
10:00	15:30	5:30	тоон						Daily Total:		\$ 36,012
15:30	17:00	1:30	R/R MUD	MOTOR &	BIT				Cum. Wtr:		\$ 20,110
17:00	19:30	2:30	TIH TO SI	HOE					Cum. Fuel		\$ 127,070
19:30	21:30	2:00	CUT DRL	G LINE					Cum. Bits:		\$ 40,458
21:30	22:30	1:00	CIRC & IN	ISTALL RO	TATING RU	JBBER				BHA	
22:30	1:30	3:00	TIH						7-7/8' BIT	1	1.00
1:30	2:30	1:00	WASH 90	то вотт	ОМ				.13 MM (STAB)	1	32.86
2:30	6:00	3:30	DRLG 12	109' - 1215	2' (43', 12.2	FPH).			DC's	16	494.77
	<u> </u>										
									TOTAL BHA	=	528.63
		<u> </u>	1						Survey	2°	10940'
		24.00	1						Survey	2°	12027'
P/U	245		LITH:	BLACKHA	AWK, SS,SH	I, COAL ST	RINGERS		BKG GAS		
						- -			CONN GAS		
					W	SET @	3558'		PEAK GAS		
							· · · · · · · · · · · · · · · · · · ·	<u> </u>	TRIP GAS		
S/O ROT. FUEL	225 230 Used:	5	FLARE: LAST CS On Hand	10 FT - 15 G .		SET @ Co.Man	3558'	1	PEAK GAS		



AFE Nº 40029 Togs R18E S-86 43-049-36113

Well: S	WF 34-2	6-9-18		Oper:		DRILLING	<i>7075</i> G			14/06	<u> </u>		43
Depth:	12395'		243	D Hrs:	23.5	AV ROP:	10.3	Format	ion:	KEN	IILWOF	₹ТН	
DMC:	\$1,7		TMC:		\$122,093		TDC:			CWC:		\$2,	,099,338
Contracto		NABORS		Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST		INTA	NGIBLE C	OST	
MW:	10.6	N° 1 P-10	00 3.5 gpm	Bit #:	9		Conductor:	\$	-	Loc,Cost:		\$	
VIS:	46	SPM:	115	Size:	7 7/8		Surf. Csg:	\$	-	Rig Move:		\$	-
PV/YP:	15/18	N° 2 P-10	00 3.5 gpm	Type:	DSX 199		Int. Csg:	\$	-	Day Rate:		\$	18,500
Gel:	14/38/46			MFG:	HYC		Prod Csg:	\$	-	Rental Tools:		\$	1,876
WL:	18	GPM:	401	S/N:	110535		Float Equp:	\$	-	Trucking:		\$	1,000
Cake:	1/	Press:	1896	Jets:			Well Head:	\$	-	Water:		\$	-
Solids:	12.8	AV DP:	2.5	TD Out:			TBG/Rods:	\$	_	Fuel:		\$	12,000
Sand:		AV DC:	337	Depth In:	12109		Packers:	\$	-	Mud Logger:		\$	850
PH:	9.0	JetVel:	108	FTG:	286		Tanks:	\$		Logging:		\$	
Pf/Mf:	1	ECD:	11.02	Hrs:	27		Separator:	\$	-	Cement:		\$	
Chlor:	-	SPR #1 :		FPH:	10.6		Heater:	\$	-	Bits:	.,	\$	-
Ca:		SPR #2 :	63-660	WOB:	15-20		Pumping L/T:	\$	-	Mud Motors:		\$	2,350
Dapp ppb:	5.1	Btm.Up:	59	R-RPM:	50		Prime Mover:	\$	-	Corrosion:		\$	100
Time	e Break Do	own:	DOWN TIME	M-RPM:	52		Misc:	\$	_	Consultant:		\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	525.5		Daily Total:	\$	-	Drilling Mud:		\$	1,789
6:00	15:00	9:00	DRLG 12	,152' - 12	,278' (126',	14 FPH).				Misc. / Labor:		\$	1,350
15:00	15:30	0:30					AMS AND H	CR.		Csg. Crew:		\$	
15:30	6:00				,395' (117',					Daily Total:		\$	40,715
				*						Cum. Wtr:		\$	20,110
			,							Cum. Fuel		\$_	139,070
										Cum. Bits:		\$	31,958
. "	<u> </u>										ВНА		
										7-7/8' BIT	1		1.00
	<u> </u>									.13 MM (STAB)	1		32.86
						-				DC's	16		494.77
	,,,												
													
	<u> </u>	-											
	<u> </u>												
	†												
	1									TOTAL BHA =			528.63
	1									Survey	2°		10940'
		24.00		<u> </u>						Survey	2°		12027'
P/U	235		LITH:	KENILWO	ORTH					BKG GAS			1400
S/O	225		FLARE:	10 FT - 15						CONN GAS			2300
ROT.	230		LAST CS		8 5/8"	SET @	3558'			PEAK GAS			2300
FUEL	Used:	1263	On Hand		-		J DUNCAN			TRIP GAS			NA



AFE Nº 40029 TO95 RIBE 5-26 43-049-36118

Well: S	WF 34-2	6-9-18		Oper:		DRILLIN		Date: 03	15/06	- //.	. پ	44
	12540'		145	D Hrs:	24	AV ROP:	6.0	Formation:		BERDEI	EN	
DMC:		559	TMC:	1	\$124,652		TDC:	\$29,635	T			128,973
Contractor		NABORS		Mud Co:	MI DRLG		TANGIBL			ANGIBLE (
MW:	10.7	N° 1 P-10	00 3.5 gpm	Bit #:	9		Conductor:	\$ -	Loc,Cost:		\$	-
VIS:	51	SPM:	115	Size:	7 7/8		Surf. Csg:	\$ -	Rig Move:		\$	_
PV/YP:	16/19	Nº 2 P-10	00 3.5 gpm	Туре:	DSX 199		Int. Csg:	\$ -	Day Rate:		\$	18,500
Gel:	16/42/58	SPM:		MFG:	HYC		Prod Csg:	\$ -	Rental Tools:		\$	1,876
WL:	18	GPM:	401	S/N:	110535		Float Equp:	\$ -	Trucking:		\$	-
Cake:	2/	Press:	1883	Jets:	···		Well Head:	\$ -	Water:		\$	2,500
Solids:	13.2	AV DP:	204	TD Out:			TBG/Rods:	\$ -	Fuel:		\$	_
Sand:		AV DC:	337	Depth In:	12109		Packers:	\$ -	Mud Logger:		\$	850
PH:	9.0	JetVel:	108	FTG:	431		Tanks:	\$ -	Logging:		\$	-
Pf/Mf:	.2/6	ECD:	11.14	Hrs:	51	.,	Separator:	\$ -	Cement:		\$	
Chlor:	5000	SPR #1 :		FPH:	8.5		Heater:	\$ -	Bits:		\$	_
Ca:	160	SPR #2 :	68-740	WOB:	15-20		Pumping L/T:	\$ -	Mud Motors:	- 10.	\$	2,350
Dapp ppb:	5.2	Btm.Up:	60	R-RPM:	50		Prime Mover:	\$ -	Corrosion:		\$	100
Time	Break Do	own:	DOWN TIME	M-RPM:	52		Misc:	\$ -	Consultant:		\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	525.5		Daily Total:	\$ -	Drilling Mud:		\$	2,559
6:00	6:00	24:00	DRLG 12	,395' - 12,	540' (145',	6.0 FPH).			Misc. / Labor:		\$	-
									Csg. Crew:		\$	-
									Daily Total:		\$	29,635
									Cum. Wtr:		\$	22,610
									Cum. Fuel		\$	139,070
							·		Cum. Bits:		\$	31,958
							, ,,			BHA		
									7-7/8' BIT	1		1.00
									.13 MM	1		32.86
									DC's	16		494.77
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									TOTAL BHA	=		528.63
									Survey	2°		10940'
		24:00							Survey	2°		12027'
P/U	245		LITH:	ABERDEE	N				BKG GAS			1600
S/O	230		FLARE:	8 FT - 12 F	Т				CONN GAS			1800
ROT.	235		LAST CS	G.	8 5/8"	SET@	3558'		PEAK GAS			1800
FUEL	Used:	1592	On Hand:	6080		Co.Man	J DUNCAN		TRIP GAS			NA



AFE Nº 40029 TO 95 R 18E 5-76 43-042-36113

144.11 61	WE 24.2	0.0.40		0===	7.11 = 1	DPILLIN		Date: 03/	16/06	<u> </u>	45
Well: S			045	Oper:	00.5	DRILLING				NG CAN	
Depth:	12755'		215	D Hrs:	23.5	AV ROP:	9.1	Formation:	1	NO CAN	\$2,168,093
DMC:	\$2,	_	TMC:	<u> </u>	\$127,197		TDC:	\$39,120		ANGIBLE C	
Contractor		NABORS		Mud Co:	MI DRLG	FLUIDS		LE COST			\$ -
MW:	10.5			Bit #:	9 770		Conductor:	<u> </u>	Loc,Cost:		\$ -
VIS:	47	SPM:	110	Size:	7 7/8		Surf. Csg:	\$ -	Rig Move:		· · · · · · · · · · · · · · · · · · ·
PV/YP:	15/19	Nº 2 P-10	00 3.5 gpm	Туре:	DSX 199		Int. Csg:	\$ -	Day Rate:		\$ 18,500 \$ 4,076
Gel:	14/41/56	SPM:		MFG:	HYC		Prod Csg:	\$ -	Rental Tools:		\$ 1,876
WL:	16.4	GPM:	401	S/N:	110535		Float Equp:	\$ -	Trucking:		\$ <u>-</u>
Cake:	2/	Press:	1924	Jets:			Well Head:	<u> </u>	Water:		\$ -
Solids:	13	AV DP:	205	TD Out:			TBG/Rods:	\$ -	Fuel:		\$ 12,000
Sand:		AV DC:	337	Depth In:	12109		Packers:	<u> </u>	Mud Logger:		\$ 850
PH:	9.0	JetVel:	108	FTG:	646	ļ <u>.</u>	Tanks:	<u> </u>	Logging:		\$ -
Pf/Mf:	.2/5.5	ECD:	10.94	Hrs:	74.5		Separator:	\$ -	Cement:		<u> </u>
Chlor:	4000	SPR #1 :		FPH:	8.7		Heater:		Bits:		<u> - </u>
Ca:	160	SPR #2 :	62-740	WOB:	15-20		Pumping L/T:	<u> </u>	Mud Motors:		\$ 2,350
Dapp ppb:	4.9	Btm.Up:	61	R-RPM:	50		Prime Mover:	\$ -	Corrosion:		\$ 100
Time	Break Do	own:	DOWN TIME	M-RPM:	52		Misc:	<u> </u>	Consultant:		\$ 900
START	END	TIME	62.5 HR	Tot Rot Hr:	573		Daily Total:	\$ -	Drilling Mud:		\$ 2,544
6:00	13:00	7:00	DRLG 12	2,540' - 1 <u>2</u> ,	,596' (56', 8	3.0 FPH).			Misc. / Labor:		\$ -
13:00	13:30	0:30	RIG SER	RVICE, TE	ST HYDRII	LL, PIPE R	AMS AND H	CR.	Csg. Crew:		\$ -
13:30	6:00	16:30	DRLG 12	2,596' - 12	,755' (159',	9.6 FPH).	<u></u>		Daily Total:		\$ 39,120
									Cum. Wtr:		\$ 22,610
									Cum. Fuel		\$ 151,070
								-	Cum. Bits:		\$ 31,958
										BHA	
							<u> </u>		7-7/8' BIT	1 1	1.00
									.13 MM	1	32.86
				<u> </u>					DC's	16	494.77
											
				·				-			
								-			
									TOTAL BHA	=	528.63
									Survey	2°	10940'
•		24.00							Survey	2°	12027'
P/U	245	<u> </u>	LITH:	SPRING (CANYON				BKG GAS		1500
s/o	230		FLARE:	8 FT - 12	FT				CONN GAS		1700
ROT.	235		LAST CS		8 5/8"	SET @	3558'		PEAK GAS		1700
FUEL	Used:	1200	On Hand			Co.Man	J DUNCAN		TRIP GAS		NA



AFE Nº 40029 TO95 R18 £ 5-26 43-047-36/13

	167				AFE N	۱ ۳ 40029	T095	K18+	5-26 9	3-041/-	36//3
Well: S	WF 34-2	6-9-18		Oper:	7	TRIP IN HO)LE	Date: 03/			46
Depth:	12780'	Prog:	25	D Hrs:	2	AV ROP:	12.5	Formation:	I.	ING CANY	
DMC:	\$2,8		TMC:		\$130,093		TDC:	\$73,322	cwc:	\$2	2,241,415
Contracto	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBL	E COST	INT	ANGIBLE COS	т
MW:	10.3	N° 1 P-10	00 3.5 gpm	Bit #:	9		Conductor:	\$ -	Loc,Cost:	\$	
VIS:	42	SPM:	110	Size:	7 7/8		Surf. Csg:	\$ -	Rig Move:	\$	
PV/YP:	13/15	N° 2 P-10	00 3.5 gpm	Туре:	DSX 199		Int. Csg:	\$ -	Day Rate:	\$	18,500
Gel:	9/25/32	SPM:		MFG:	HYC		Prod Csg:	\$ -	Rental Tools:	\$	1,876
WL:	18	GPM:	401	S/N:	110535		Float Equp:	\$ -	Trucking:	\$	
Cake:	1	Press:	1924	Jets:			Well Head:	\$ -	Water:	\$	-
Solids:	12	AV DP:	205	TD Out:			TBG/Rods:	<u> </u>	Fuel:	\$	<u> </u>
Sand:		AV DC:	337	Depth in:	12109		Packers:	\$ -	Mud Logger:	\$	850
PH:	9.0	JetVel:	108	FTG:	671		Tanks:	\$ -	Logging:	\$	48,000
Pf/Mf:	.2/5.6	ECD:	10.94	Hrs:	76.5		Separator:	\$ -	Cement:	\$	
Chlor:	4000	SPR #1 :		FPH:	8.8		Heater:	\$ -	Bits:	\$	
Ca:	160	SPR #2 :	62-740	w ов:	15-20		Pumping L/T:	\$ -	Mud Motors:	\$	200
Dapp ppb:	4.9	Btm.Up:	61	R-RPM:	50		Prime Mover:	<u> </u>	Corrosion:	\$	100
Time	Break De	own:	DOWN TIME	M-RPM:	52		Misc:	<u> </u>	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	573		Daily Total:	<u> </u>	Drilling Mud:	\$	2,896
6:00	8:00	2:00	DRLG 12,	,755' - 12,78	80' (25', 12.	5 FPH).			Misc. / Labor:	\$	
8:00	10:00	2:00	CIRC AND	D COND HO	OLE FOR LO	ogs			Csg. Crew:	\$	
10:00	11:00	1:00	PUMP PIL	L, BLOW [DOWN KEL	LY.			Daily Total:	\$	73,322
11:00	18:30	7:30	TRIP OUT	T FOR LOG	iS				Cum. Wtr:	\$	
18:30	20:30	2:00	RU SCHL	.UMBERGE	R LOGGIN	<u>G.</u>			Cum. Fuel	\$	
20:30	3:00	6:30	LOG W/ S	SCHLUMBE	GER FROM	<u>/I TD (12,79</u> 8	8 LOGGERS D	EPTH),	Cum. Bits:	\$	31,958
			ВАСК ТО	SURFACE	CASING (F	LATFORM	EXPRESS LAT	ΓERALOG,		BHA	
			DENSITY	-NEUTRON	N BHC SON	IC).			7-7/8' BIT	1 1	1.00
3:00	4:00	1:00	RD SCHL	UMBERGE	R		·		BIT SUB	1	3.22
4:00	6:00	2:00	TRIP IN F	OLE TO C	OND HOLE	FOR CASI	۱G		DC's	16	493.79
	_									+	
			TD WELL	_ AT 08:00	MAR 16, 20	06.			<u> </u>	 	
										<u> </u>	. <u></u>
									TOTAL BHA		498.01
			<u> </u>						Survey	2°	10940'
		24.00							Survey	2°	12027'
P/U	245	5	LITH:	SPRING (CANYON				BKG GAS		NA
S/O	230)	FLARE:	8 FT - 12	FT				CONN GAS		NA
ROT.	235	5	LAST CS	iG	8 5/8"	SET @	3558'		PEAK GAS		NA NA
		1200	On Hand	: 6857		Co.Man	J DUNCAN		TRIP GAS		NI A



AFE Nº 40029 TO95 RIGE 5-26 43-047-36113

	-0/				AFE	N° 40029			766 73	277		
Well: S	WF 34-2	6-9-18		Oper:		LD BHA		Date: 03/				47
Depth:	12780'	Prog:	TD	D Hrs:		AV ROP:		Formation:		NG CAN		
DMC:	\$1,0)51	TMC:		\$131,144		TDC:	\$23,277	CWC:			64,692
Contractor	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBI	LE COST	INTA	ANGIBLE C		
ww:	10.3	Nº 1 P-10	00 3.5 gpm	Bit #:			Conductor:	\$ -	Loc,Cost:		<u>\$</u>	
VIS:	42	SPM:		Size:			Surf. Csg:	\$ -	Rig Move:		\$	
PV/YP:	13/15	N° 2 P-10	00 3.5 gpm	Туре:			Int. Csg:	<u> </u>	Day Rate:		\$	18,500
Gel:	9/25/32	SPM:		MFG:			Prod Csg:	<u> </u>	Rental Tools:		\$	1,876
WL:	18	GPM:		S/N:			Float Equp:	<u> </u>	Trucking:		\$	
Cake:	1	Press:		Jets:			Well Head:	\$ -	Water:		\$	
Solids:	12	AV DP:		TD Out:			TBG/Rods:	<u> </u>	Fuel:		\$	
Sand:		AV DC:		Depth In:			Packers:	<u>\$ -</u>	Mud Logger:		\$	850
PH:	9.0	JetVel:		FTG:			Tanks:	<u> </u>	Logging:		\$	
Pf/Mf:	.2/5.6	ECD:		Hrs:			Separator:	<u> </u>	Cement:		\$	
Chlor:	4000	SPR #1 :		FPH:			Heater:	\$ -	Bits:		\$	
Ca:	160	SPR #2 :		w ов:		<u> </u>	Pumping L/T:	\$ -	Mud Motors:		\$	- 105
Dapp ppb:	4.9	Btm.Up:		R-RPM:			Prime Mover:		Corrosion:		\$	100
Time	Break D	own:	DOWN TIME	M-RPM:		<u> </u>	Misc:		Consultant:		\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:	<u> </u>	<u> </u>	Daily Total:	\$ -	Drilling Mud:		\$	1,051
6:00	14:00	8:00	TRIP IN F	OLE TO C	OND HOLE	FOR CSG.			Misc. / Labor:		\$	-
14:00	16:30	2:30		D COND H					Csg. Crew:		\$	
16:30	18:00	1:30	RU FRAN	IKS WEST	ATES LD M	ACHINE.			Daily Total:		\$	23,277
18:00	3:00	9:00	PUMP PI	LL, LD DRII	LL PIPE.				Cum. Wtr:		\$	22,610
3:00	4:30	1:30	BREAK K	ELLY.					Cum. Fuel			151,070
4:30	6:00	1:30	LD BHA.						Cum. Bits:		\$	31,958
										BHA		
									7-7/8' BIT	1 1		1.00
						_			BIT SUB	1 1		3.22
			TD WELL	_AT 08:00	MAR 16, 20)06			DC's	16		493.79
										 		
				-						 		
												<u></u>
									<u> </u>	 		
		1							TOTAL BHA	=		498.01
	1								Survey	2°		10940'
		24.00							Survey	2°	1	12027'
P/U			LITH:						BKG GAS			NA
s/0			FLARE:						CONN GAS			NA
ROT.			LAST CS	 SG.	8 5/8"	SET @	3558'		PEAK GAS			NA
FUEL	Used:	1200	On Hand			Co.Man	J DUNCAN	ı <u> </u>	TRIP GAS			NA



AFE Nº 40029 TO95 RIBE 5-26 43-047-36113

Liic	187				AFE	۱ ° 40029	7095	R.18	BE	5-26 43	-097-3	6113
Well: S	WF 34-2	6-9-18		Oper:		RIG DOW	/N	Date:	03/1	9/06	<u> </u>	48
Depth:	12780'		TD	D Hrs:		AV ROP:		Formati	on:	SPR	NG CANY	ON
DMC:	\$1,7		TMC:		\$132,896		TDC:	\$68,	227	CWC:	\$:	2,332,919
Contractor	r:	NABORS	611	Mud Co:	MI DRLG	FLUIDS	TANGIBL	LE COST		INT	ANGIBLE COS	ST .
MW:		N° 1 P-10	00 3.5 gpm	Bit #:			Conductor:	\$	_	Loc,Cost:	\$	_
vis:		SPM:		Size:			Surf. Csg:	\$	_	Rig Move:	\$	
PV/YP:		N° 2 P-10	00 3.5 gpm	Туре:			Int. Csg:	\$		Day Rate:	\$	18,500
Gel:		SPM:		MFG:			Prod Csg:	\$		Rental Tools:	\$	1,876
WL:		GPM:		S/N:			Float Equp:	\$	-	Trucking:	\$\$	
Cake:		Press:		Jets:			Well Head:	\$		Water:	\$	2,500
Solids:		AV DP:		TD Out:			TBG/Rods:	\$	-	Fuel:	\$	
Sand:		AV DC:		Depth In:			Packers:	\$		Mud Logger:	\$	850
PH:		JetVel:		FTG:			Tanks:	\$		Logging:	\$	=
Pf/Mf:		ECD:		Hrs:			Separator:	\$		Cement:	\$	
Chlor:		SPR #1 :		FPH:			Heater:	\$	-	Bits:	\$	40,000
Ca:		SPR #2 :		WOB:			Pumping L/T:	\$		Mud Motors:	\$	-
Dapp ppb:		Btm.Up:		R-RPM:			Prime Mover:	\$	-	Corrosion:	\$	100
Time	Break D	own:	DOWN TIME	M-RPM:			Misc:	\$	-	Consultant:	\$	900
START	END	TIME	62.5 HR	Tot Rot Hr:			Daily Total:	\$	-	Drilling Mud:	\$	1,751
6:00	6:30	0:30	LD BHA	ND PULL	WEAR BUS	HING.	·			Misc. / Labor:	\$	1,750
6:30	8:00	1:30	RIG UP F	RANKS W	ESTSATES.					Csg. Crew:	\$	-
8:00	17:00	9:00	RUN 4-1/	2" PRODU	CTION CSG			·		Daily Total:	\$	68,227
17:00	19:00	2:00					G, CIRC AND	COND	<u> </u>	Cum. Wtr:	\$	
			HOLE, CI	RC OUT G	AS, RD FRA	NKS WEST	ISTATES.			Cum. Fuel	\$	151,070
19:00	23:00	4:00	RU SCHL	UMBERGE	R, PRESSI	JRE TEST T	O 5000 PSI,			Cum. Bits:	\$	71,958
			CEMENT	PRODUCT	TION CSG, I	BUMPED PL	UG, LAND CS	SG,		<u> </u>	BHA	
			RD SCHL	.UMBERGE	ER.					ļ	 	
23:00	3:00	4:00	WASH O	UT BOP ST	rack, FLOV	VLINES, GA	S BUSTER,	·			 	
			CIRCULA	TING EQL	IPMENT, C	LEAN PITS.						
												
			RELEAS	E RIG @ 0	3:00.						 	
			ļ							-	 	
			<u> </u>								1	
					· · · · · · · · · · · · · · · · · · ·			,,			1	0.0
			 							TOTAL BHA	. -	0.0
				_			<u></u>		_	Survey	+	
			<u> </u>							Survey		NIA.
P/U			LITH:							BKG GAS		NA
S/O			FLARE:				<u></u>	·		CONN GAS		NA NA
ROT.		<u> </u>	LAST CS	8G.	8 5/8"	SET @	3558'			PEAK GAS		NA NA
FUEL	Used:		On Hand	l:		Co.Man	J DUNCAN			TRIP GAS		NA

GASCO PRODUCTION CO

Sheep Wash Fed 34-26-9-18 T 095 R/8E 5-26

43-047-36/13

Completion – Mobe 1

- 4/5/06 MIRU Cased Hole Solutions. Perf Stage 1 Spring Canyon f/ 12571 76', 3 spf w/ 3 1/8" DP Slick guns, 22.7 gm chgs, .42 EHD, 20.96"pen, 120 deg phased.
- 4/6/06 MIRU SLB (Grand Jct Owen) to frac. Found 300 SICP (perf last night). 2:50 PM. Broke dn Stg 1 @ 6112 psi @ 3.6 bpm. ISIP 5740. FG .89. Calc 12 holes open / 15. Hybrid fraced Stg 1 w/ 111681# 20-40 TDC+, using 2983 bbls WF and YF 118 gel. ISIP 5980. FG .90. Opened well up to FB @ 5:20 PM, on 10/64" ck w/ 5850 SICP. Job went very well. (SCE and CR) DC 2900. CCC 2900
- 4/7/06 Well flowing this AM 1050 FCP on 16/64" ck. Made 748 bbls in 10.5 hrs. TR 748. BLWTR 2235. RIH w/ "Perf only" guns and perf f/ 12120 - 25', 12136 - 41', 12340 - 45', 12460 - 65'. POOH. RIH w/ plug and guns to perf Stage 2 – Desert / Grassy. Set FTFP #1 @ 12068'. Psi tested plug to 8500 psi, ok. Shoot 11945 – 49', 12048 – 53', 3 spf. RU to frac. Broke dn perfs @ 5816 psi @ 4.6 bpm. ISIP 4600. FG .82. Calc 18 holes open / 27. Hybrid fraced Stg 2 w/ 97254# 20-40 TDC+, using 2605 bbls WF and YF 118 gel. Flushed csg w/ 177.2 bbls (1 bbl short). ISIP 4767. FG .83. Will skip "Perf only" 12010 - 13', 12000 - 05, 11980 - 83', until 2^{nd} mobe. No flowback, RIH w/Plug and guns to perf Stage 3 - Lower Mesaverde, above Castlegate. Set FTFP #2 @ 11455'. Psi tested plug to 8500 psi, ok. Held 5000 psi on csg while perforating. First 2 guns fired w/ constant pressure. When we fired 3rd gun, psi fell off, and had to pump into perfs throughout balance of run. Pumped total of 78 bbls to get OOH. Perf f/ 11202 - 04', 11330 - 33', 11435 -441', 3 spf. Fd 4520 SICP. Pumped into perfs @ 6800 psi @ 22 bpm. ISIP 4650. FG .84. Calc 19 holes open / 33. Pumped 1/4# and 3/4# slug during xlinked pad to help tortuosity. Hybrid fraced Stg 3 w/ 138,022# 20-40 TDC+, using 3255 bbls WF and YF 118 gel. Did not FB. RIH w/ plug and guns to perf Stage 4 - Lower Mesaverde. Set FTFP #3 @ 11040'. Psi tested plug to 8500 psi, ok. Perf f/10951 - 56, 11001 - 04, 11018 - 21, 3 spf. Middle set of perfs dropped well psi 500 psi (4850 starting psi). Started pumping into perfs @ 2.8 bpm. Well psi still below SCIP (still cross-flowing some). SI to pull guns OOH. Fd 4350 SICP. Broke dn perfs @ 7155 psi @ 4.6 bpm. Could only get to 40.5 bpm @ 8475 psi. Very tight. ISIP 4600. Discussed with Bilu. Decided to pump x-linked pad w/ sand slugs to try to break back. Pumped 90 bbls, then ½ ppg x 60 bbls, 1 ppg x 60 bbls, 1 ½ ppg x 60 bbls. No help. Flushed wellbore of x-linked gel (over flushed sand). SD w/ ISIP 4745. Opened well to flowback @ 8:15 PM, on 12/64" ck, w/ 4700 SICP. Will reperforate top and bottom benches in morning and try stage 4 again. (SCE)

- 4/8/06 Well flowing this AM w/ 4000 FCP on 14/64" ck. Made 1263 bbls overnight. TR 2011. BLWTR 7822. RIH w/ plug and guns to Reperforate Stg 4. Set 12.5K solid BP #4 @ 11039' (1' above FTFP #3). Reperforate f/ 10949 52', 11017 20'. Break dn perfs @ 6050 psi @ 9.1 bpm. Pumping into perfs @ 7220 psi @ 45.3 bpm. Much better injection this time. Calc 23 holes open / 33+18. Hybrid fraced Stg 4 w/ 140,560# 20-40 TDC+, using 3030 bbls WF and YF 118 gel. Flushed w/ 161.4 bbl. ISIP 5350. FG . 91. Opened well up to FB @ 2:05 PM, on 12/64" ck, w/ 5000 SICP. Cleaned up sd, and ready to go to next Stage. 1 load of sand never showed up. SDFN w/ flowback on. (SCE)
- 4/9/06 Sat. Well flowing this AM w/ 3000 FCP on 16/64" ck. Made 1903 bbls in 20.5 hrs. TR 3914. BLWTR 8949. RIH w/ plug and guns to perf Stage 5 Lower Mesaverde. Set FTFP #5 @ 10820'. Psi tested plug to 8500 psi, ok. Held 3500 on plug and Perforate f/ 10768 72', 10802 05'. Skipped "Perf only" 10871 76, until 2nd mobe. Pressure held while perforating. Broke dn perfs @ 5119 psi @ 4.5 bpm. Calc 17 holes open / 21. ISIP 4330. FG .84. Hybrid fraced Stg 5 w/ 115,179# 20-40 TDC+? (by weight tickets, should have been 10,000# short. Ended up 5000# long?), using 2700 bbls WF and YF 118 gel. Flushed wellbore w/ 158.6 bbls. ISIP 4500. FG .86. Opened well up to FB @ 10:40 AM, on 10/64" ck, w/ 4400 SICP. (SCE) DC \$839,797. CCC \$839,797
- 4/10/06 Well flowing back this AM w/ 1800 FCP on 16/64" ck. Made 1328 bbls in 21 hrs. TR 5242. BLWTR 10321.
- Well flowing back this AM w/ 800 FCP on 16/64" ck. Made 324 bbls in 24 hrs. TR 5566. BLWTR 9997. (Doesn't appear to be any flowback coming around hard plug, thru Stg 4 perfs). MORU wireline and set kill plug @ 6000'. Rig down wireline and rig up service unit. bleed well down and NDFT and NU BOP. Spot pipe racks and catwalk and unload tbg. Pick up 3 ¾ bit, POBS, and XN nipple. Run in hole w/ 184 jts and tag up @ 5995' drill out kill plug and turn well over to flowback for clean up. Shut down for day. (SCE / CR) DC \$ 8893 CCC \$ 848,690
- Well flowing this AM @ 700 psi on a 16/64 ck. Made 140 bbls in 14 hrs. TR 5706. BLWTR 9857. Open well up and RIH w/ 149 jts (333 total) and tag up @ 10,810' (10' sand on plug). Break circulation and drill out FTFP @10,820'. Well started flowing @ 2200 psi on a 18/64 ck. RIH w/ 7 jts (340 total) and tag up on sand @ 11,019' break circulation and drill out sand and 12 ½ K CBP well started flowing @ 4200 psi. pull up above plugs and shut down for night. Turn well over to flowback for clean up. (CR) DC \$ 6316 CCC \$ 855,006
- 4/13/06 Well flowing this AM @ 2700 psi on a 16/64 ck. Made 978 bbls in 13 hrs. TR 6647. BLWTR 8916

- Well flowing this AM @ 2700 psi on a 16/64 / 8/64 ck (split stream). Made 1527 bbls. TR 8174. BLWTR 7389. Open well up and pick up swivel. Break circ and start drilling @ 11,030' drill remainder of plugs. RIH w/ 15 jts and drill out FTFP well started flowing @ 2800 psi. BOP failed, pull up 30' and close well in . turn well over to flowback for clean up. (CR) DC \$ 5500 CCC \$ 900,506
- Well flowing this AM @ 1800 psi down line. Land tbg and change out BOP. Un-land tbg and rig up swivel, drill out remainder of FTFP #2. RIH w/ 20 jts (373 total) and tag FTFP #1 @ 12,068' drill out plug. RIH w/ 15 jts (388 total) and tag up @ 12,614' clean out to PBTD @ 12,707'. Circ bottoms up and POOH w/ 10 jts and turn well over to flowback for clean up. (Rick w/ Premier / CR) DC \$ 7773 CCC \$ 908,279
- Well flowing this AM @ 1900 psi. POOH w/ 55 jts tbg and broach tbg. Land well w/ 326 jts @ 10,598'. ND BOP and NUWH, drop ball and pump 30 bbls Bit pumped off @ 1500 psi. turn well over to flowback for clean up. RDMO location. (Rick w/ Premier / CR) DC \$ 5899 CCC \$ 914,178

^{*} Need to perf "perf only" zones at beginning of 2^{nd} Mobe* 12010 - 13, 12000 - 05, 11980 - 83, 10871 - 76.

Form 3160- 5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004- 0137

Expires March 31, 2007

Do по	NDRY NOTICES AND R ot use this form for proposal loned well. Use Form 3160-3	s to drill or to re-	enter an	6. If Indian, Allot	UTU-19266 tee, or Tribe Name N/A
SUBMIT IN TR	IPLICATE - Other Instruction	<u> </u>		7. If Unit or CA	Agreement Name and/or No. N/A
Type of Well Oil Well X Gas Well	Other			8. Well Name and	
Name of Operator				Sheep Wa	sh Federal 34-26-9-18
asco Production Company				9. API Well No.	
a Address		3b. Phone No. (mc)	lude area code)	0	43-047-36113
Inverness Drive East Ste 1	00 Englewood, Co 80112	303-4	83-0044	10 Field and Poc	l, or Exploratory Area
Location of Well thootage, Sec., T.	, R , M., or Survey Description)				Wildcat
4500 PCL 6	& 1980' FEL SW SE Sectio	24 TOC D 19E		11 County or Par	rish, State
039 fSL 8	C 1980 FEL 2M 2E 2000	II 20-195-K 16E		Ui	ntah, Wyoming
12. CHECK APPROI	PRIATE BOX(S) TO INDICA	TE NATURE OF	NOTICE, REPOR	RT, OR OTHER	DATA
TYPE OF SUBMISSION		T	YPE OF ACTION		
Notice of Intent	Acidize	Decpen	Production (S	Start/ Resume)	Water Shut-off
	Altering Casing	Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		Other
	Change Plans	Plug and abandon	Temporarily /	Abandon	
Final Abandonment Notice	Convert to Injection	Plug back	X Water Dispos	al	

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete borizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandoniment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

This is to inform you that we will be disposing of water from this well as follows:

All produced water from this well will be trucked off the location and disposed of at Brennan bottom Water Disposal located between Roosevelt and Vernal Utah.

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY



APR 2 6 2006

14 Thereby certify that the foregoing is true and correct		
Name (Printed Typed)	i	
Beverly Walker 🗸	Title	Engineering Technician
Signatury	Date	
Wow Cefffellick		April 17, 2006
THIS SPACE FO	OR FEDERAL OR STATE	OFFICE USE
	7.1	
Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does certify that the applicant holds legal or equitable title to those rights in t		
which would entitle the applicant to conduct operat		
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, male	ke it a crime for any person know	ringly and willfully to make any department or agency of the United
States any false, fictitiousor fraudulent statements or representations as to a	my matter within its jurisdiction	

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

Lease Serial No.

UTU-19266

6. If Indian, Allottee or Tribe Name

NA

SUBMIT IN TRIPL	ICATE – Other instr	uctions on revers	se side	7. If Unit or (CA/Agreement, Name and/or No.
Type of Well Oil Well X Gas Well				_	NA
2. Name of Operator	Other Other	· · · · · · · · · · · · · · · · · · ·		8. Well Name	
Gasco Production Company	1			9. API Well N	ash Federal 34-26-9-18
Ba. Address		3b. Phone No. (include	e area code)	7. Art well is	43-047-36113
8 Inverness Dr E, Englewoo	od, Colorado 80112	303-483-	-0044	10. Field and P	Pool, or Exploratory Area
Location of Well (Footage, Sec., T.,)	R., M., or Survey Description)			7	Riverbend
	659' FSL & 1980' FE	EL		11. County or I	Parish, State
SW	SE of Section 26-T98	S-R18E		Uii	ıtah County, Utah
12. CHECK A	PPROPRIATE BOX(ES) TO) INDICATE NATURE (OF NOTICE, RI	PORT, OR OTI	IER DATA
TYPE OF SUBMISSION		Т	PE OF ACTION	٧	19 6474
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recomplet	e ly Abandon	☐ Water Shut-Off ☐ Well Integrity X Other Spud Well
3 Describe Proposed or Completed Oper If the proposal is to deepen directiona	ations (clearly state all pertinen	t details, including estimate	ed starting date of	any proposed worl	k and approximate duration thereof of all pertinent markers and zones

This well was spud on 12/5/2005

Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment. Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

FERMINED

APR 2 6 2006

DIV. OF OILL GAS & MINEUG

14. I hereby certify that the foregoing is true and correct			
Name (Printed Typed)	Title		
Beverly Walker	l		Engineering Technician
Signature Dunce Confidence	Date		April 20, 2006
THIS SPACE F	OR FE	DERAL OR S	TATE USE
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warracert is that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.		Office	
Fitle 18 U.S.C. Section 1001, make it a crime for any person knowin false, fictitious or fraudulent statements or representations as to any magnetic statements.			

(Instructions on reverse)

determined that the site is ready for final inspection.

Form 3160- 5 (April 2004)

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No 1004- 0137

Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

	UTU-19266	
6.	If Indian, Allottee, or Tribe Name	-
	N/A	

Lease Serial No.

	ot use this form for proposals loned well. Use Form 3160-3 (6. If Indian, Allottee, or Tribe Name N/A
SUBMIT IN TR	IPLICATE - Other Instruction	ons on reverse s	side.	7. If Unit or CA. Agreement Name and/or No.
1 Type of Well Oil Well X Gas Well	Other			8. Well Name and No
2. Name of Operator	V-1-1-1-1-1			Sheep Wash Federal 34-26-9-18
Gasco Production Company	<u>/</u>			9. API Well No.
3a. Address		3b Phone No (mcl	nde area code)	043-047-36113
8 Inverness Drive East Ste		303-4	83-0044	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	. R. M., or Survey Description)			Wildcat
659' FSL A	& 1980' FEL SW SE Section	381 G.20T.3C		11. County or Parish, State
	- 1700 11.170 TOT. OCCITOR			Uintah, Wyoming
12. CHECK APPROI	PRIATE BOX(S) TO INDICAT	TE NATURE OF	NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION	
Notice of Intent	Acidize	Deepen	X Production (Start/ Resume) Water Shut-off
	Altering Casing	Fracture Treat	Reclamation	Well Integrity
X Subsequent Report	Casmg Repair	New Construction	Recomplete	Other
	Change Plans	Plug and abandon	Temporarily a	Abandon
Final Abandonment Notice	Convert to Injection	Plug back	Water Dispos	sal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection

This well was started on production on April 13, 2006.



APR 2 6 2006

DIV. OF OIL, GAO & ADDRESS

14. I hereby certify that the foregoing is true and correct			
Name (Printed Typed)	1		
Beverly Walker	Title	Parimonica Tech 12	
beverry warker		Engineering Technician	
Signature / / /	Date		
- Yourdestalling		April 17, 2006	
THIS SPACE FO	OR FEDERAL OR STATE	OFFICE USE	
Approved by	Title	Date	
Conditions of approval, if any are attached. Approval of this notice does	s not warrant or		
certify that the applicant holds legal or equitable title to those rights in t	he subject lease Office		
which would entitle the applicant to conduct operat	ions thereon.		
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make	ke it a crime for any person know	ingly and willfully to make any department or agenc	y of the United
States any false, fictitiousor fraudulent statements or representations as to a		, any approximation of agent	y or the office

Form 3160- 5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004- 0137

SUNDDY NOTICES AND DEPODTS ON WELLS

SUNDI	UTU-19266					
Do not u abandone	6. If Indian, Allottee, or Tribe Name N/A					
SUBMIT IN TRIPLICATE - Other Instructions on reverse side.				7. If Unit or CA. Agreement Name and/or No.		
Type of Well				N/A		
Oil Well X Gas Well Other				8. Well Name and No.		
2 Name of Operator	Sheep Wash Federal 34-26-9-1	8				
Gasco Production Company				9 API Well No		
3a Address 3b Phone No. (include of			ude area code)	043-047-36113		
8 Inverness Drive East Ste 100	303-4	83-0044	10 Field and Pool, or Exploratory Area			
4 Location of Well (Footage, Sec., T., R., M., or Survey Description)				Wildcat		
659' FSL & 1980' FEL SW SE Section 26-T9S-R18E				11 County or Parish, State		
037 130 & 1760 1 EL 3W 3E 300001 20-193-K18E				Uintah, Wyoming		
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
TYPE OF SUBMISSION	TYPE OF ACTION					
Notice of Intent	Acidize	Deepen	Production (S	Start/ Resume) Water Shut-off		
	Altering Casing	Fracture Treat	Reclamation	Well Integrity		
X Subsequent Report	Casing Repair	New Construction	Recomplete	X Other		
	Change Plans	Plug and abandon	Temporarily /	Abandon <u>EFM Meter</u>		
Final Abandonment Notice	Convert to Injection	Plug back	Water Disposa	al		

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

This sundry is being sent to inform you that we will be using a Ferguson Beauregard EFM (Model 3500) to measure production from this well and will be considered as the point of sale for gas produced from this well. A temperature probe has been installed for gas measurement purposes. This unit does have a digital readout display and will be inspected and proved according to all BLM regulations.

APR 2 6 2006

CIV. OF OIL. CAS & MATERIA

		Girke Chi Chica Ca	
14 Thereby certify that the foregoing is true and correct.			
Name (Printed Typed)			
Beverly Walker	itle	Engineering Technician	
Signature 1	ate	April 17, 2006	
THIS SPACE FOR FEDER	AL OR STATE O	FFICE USE	
Approved by	Title	Date	
Conditions of approval, if any are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon	Office		
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for States any false, fictitious or fraudulent statements or representations as to any matter within	or any person knowingly o its jurisdiction.	y and willfully to make any department or agency of the United	

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Convert to Injection

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

Lease	Seriai	NO.	

L	II	U	-1	9	2	6	6
---	----	---	----	---	---	---	---

Ο.	II Indian, Allottee or Tribe Name
	$N\!A$

SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No.				
1. Type of Well			NA NA		
Oil Well X Gas Well	Other		8. Well Name and No.		
2. Name of Operator			Sheep Wash Federal 34-26-9-18		
Gasco Production Company	J		9. API Well No.		
3a. Address		3b. Phone No. (include area code)	43-047-36113		
8 Inverness Dr E, Englewoo	od, Colorado 80112	303-483-0044	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description,)	Riverbend		
	659' FSL & 1980' .	FEL	11. County or Parish, State		
SW	SE of Section 26-T	'9S-R18E	Uintah County, Utah		
12. CHECK A	PPROPRIATE BOX(ES)	TO INDICATE NATURE OF NOTICE. I	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION	NC		
Notice of Intent	☐ Acidize	☐ Deepen ☐ Producti	on (Start/Resume)		
Subsequent Report	Alter Casing Casing Repair Change Plans	Fracture Treat Reclama New Construction Recomp			

Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection

☐ Plug Back

This well is scheduled to have the sales meter calibrated on April 28, 2006 at 12:45 p.m.

RECEIVED

APR 2 6 2006

G

			DIV. OF OIL, GAS & MIMIN
14. I hereby certify that the foregoing is true and correct			
Name (Printed Typed)	Title		
Beverly Walker			Engineering Technician
Signature	Date		
Voustales at the			April 20, 2006
THIS SPA	ACE FOR FE	DERAL OR ST	ATE USE
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does no certify that the applicant holds legal or equitable title to those rights in the swhich would entitle the applicant to conduct operations thereon.		Office	
Title 18 U.S.C. Section 1001, make it a crime for any person k false, fictitious or fraudulent statements or representations as to a			

(Instructions on reverse)

Final Abandonment Notice

Accepted by the Utah Division of Oil, Gas and Mining For Record Only

■ Water Disposal

Form 3160- 5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004- 0137

OMB No. 1004-0137 Expires: March 31, 2007

	DRY NOTICES AND RE		ELLS	5. Lease Serial ?	UTU-19266	
Do ne aband	,	ottee, or Tribe Name N/A				
SUBMIT IN TRI	IPLICATE - Other Instruction	ns on reverse si	ide.	7. If Unit or CA	Agreement Name and/or No. N/A	
Oil Well X Gas Well	Other			8. Well Name ar		
2. Name of Operator					ash Federal 34-26-9-18	
Gasco Production Company				API Well No.		
3a. Address		3b. Phone No. (mch	r .	· ·)43-047-36113	
8 Inverness Drive East Ste 1	00 Englewood, Co 80112	303-48	83-0044	10. Field and Po	ol, or Exploratory Area	
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)				Wildcat	
4501 EQL 9	د 1980' FEL SW SE Section	26_T0S_R18F		11. County or Pa	arish, State	
039 FSL 0	2 1980 PEL SW SE Section	20-175-K16L		Uintah Cnty, Utah		
12. CHECK APPROF	PRIATE BOX(S) TO INDICAT	E NATURE OF	NOTICE, REPOR	T, OR OTHE	R DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION			
X Notice of Intent	Acidize	Deepen	Production (S	art/ Resume)	Water Shut-off	
	Altering Casing	Fracture Treat	Reclamation		Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplete		Other	
	Change Plans	Plug and abandon	Temporarily A	bandon	· · · · · · · · · · · · · · · · · · ·	
Final Abandonment Notice	Convert to Injection	Plug back	X Water Disposa	1		
If the proposal is to deepen directing Attach the Bond under which the following completion of the involvesting has been completed. Final determined that the site is ready for		e subsurface location: ne Bond No. on file v s in a multiple compl only after all require	s and measured and tre with BLM/BIA. Requiletion or recompletion ements, including recl	ue vertical depths ired subsequent n in a new interval amation, have be	of all pertinent markers and zones, eports shall be filed within 30 days, a Form 3160-4 shall be filed once en completed, and the operator has	
This is to inform 1101	u that effective immedi	atem we wu	ve aisposina	or produce	au	

This is to inform you that effective immediately we will be disposing of produced water from this well as follows:

All produced water from this well will be trucked off the location and disposed of at the Desert Spring State Evaporation Facility NW 1/4 of Section 36-T9S-R18E Uintah County, Utah. Which is owned by Gasco Production Company. A copy of the approved permit for this facility is attached.

Accepted by
Utah Division 6
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED OCT 2 4 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.		
Name (Printed Typed)	Title	
Beverly Walker		Engineering Tech
Signature Delike Col Chelle,	Date	October 18, 2006
THIS SPACE FO	OR FEDERAL OR STATE OF	FICE USE
Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does	es not warrant or	
certify that the applicant holds legal or equitable title to those rights in	the subject lease Office	
which would entitle the applicant to conduct opera	ations thereon.	
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, ma	ake it a crime for any person knowingly	and willfully to make any department or agency of the United
States any false, fictitiousor fraudulent statements or representations as to	any matter within its jurisdiction.	

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED OMB NO. 1004-0137

OMB	NO.	1004	-01.	31
Expires:	Nove	mber	30,	2000

5. Lease Serial No.

UTU-19266 Oil Well ✓ Gas la. Type of Well Dry Dry Other 6. If Indian, Allottee or Tribe Name b. Type of Completion: New New Work Over Deepen Plug Back Diff. Resvr. Other 7. Unit or CA Agreement Name and No 2. Name of Operator NA 8. Lease Name and Well No. Gasco Production Company Sheep Wash Federal 34-26-9-18 3. Address 3a. Phone No. (include area code) 9. API Well No. 8 Inverness Drive East Suite 100, Englewood, Colorado 80112 303-483-0044 43-047-36113 4. Location of Well (Report locations clearly and in accordance with Federal requirements)* 10. Field and Pool, or Exploratory At surface 659' FSL & 1980' FEL SW SE Wildcat Sec., T., R., M., or Block and Same At top prod. interval reported below Survey or Area Sec 26-T9S-R18F 12. County or Parish 13. State At total depth Same Uintah Utah 14. Date Spudded 16. Date Completed D & A Ready to Prod. 15. Date T.D. Reached 17. Elevations (DF, RKB, RT, GL)* 12/06/05 03/17/06 4931.6' KB: 4913.6' GL 04/13/06 18. Total Depth: MD 12780 19. Plug Back T.D.: MD 12707 20. Depth Bridge Plug Set: MD NA TVD 12780 TVD 12707 TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Yes (Submit copy) Was well No ablaWas DST run? Yes (Submit copy) No SL, LL GR, CNL ML BHC; CBL ☑ No Directional Yes (Submit copy) 23. Casing and Liner Record (Report all strings set in well) Stage Cementer No. of Sks. & Hole Size Size/Grade Slurry Vol. Wt. (#/ft.) Top (MD) Bottom (MD) Cement Top* Amount Pulled Depth Type of Cement (BBL) 17 1/2" 13 3/8 H40 0 231 225 sx of Class G Circ to Surface 12 1/4" 8 5/8 J-55 32# 0 3540 775 sx of Class G Circ to Surface 7 7/8" 4 1/2 P110 13.5# 0 12780 625 sx of Hilift Circ to Surface 2290 sx of 50-50 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Packer Set (MD) Depth Set (MD) 2 3/8" 10598 25. Producing Intervals 26. Perforation Record Formation Top **Bottom** Perforated Interval Size No. Holes Perf. Status Blackhawk 11945 A) 12576 See Attached Mesaverde B) 10768 11441 \mathcal{L} D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and type of Material See Attached 28. Production - Interval A Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method Produced Date Tested Production BBL MCF BBL Corr. API Gravity 04/13/06 04/17/06 24 0 192 1.304 Flowing Choke Tbg. Press. Csg. 24 Нг. Oil Gas Water Oil Gravity Well Status Size Press Rate BBL MCF Flwg. BBL Corr. API 16/64" SI 1657 0 1,304 192 Producing from A & B 28a Date First Test Hours Test Oil Gas Water Oil Gravity Production Method CEVED Gas Produced Date Tested Production BBL MCF BRI. Corr. API Gravity <u>NOV 2 1 2006</u> Choke 24 Hr. Tbg. Press. Csg. Oil Gas Water Oil Gravity Well Status Size Flwg. Press. Rate BBL BBL MCF Corr. API DIV. OF OIL, GAS & MINING (See instructions and spaces for additional data on reverse side)

20:										. s 2 a a a a
28b.	1	1		T						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
	luction - Inte									<u></u>
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
29. Dispo	osition of Ga	s (Sold. used	for fuel, ven	ted, etc.)	- 	So	ld	I		
Show tests,	all importar	nt zones of po	clude Aquifer prosity and co tested, cushio	ontents ther	eof: Cored i	intervals and		31. Formatio	on (Log) Markers	
For	mation	Тор	Bottom		Descri	ptions, Conten	ts, etc.		Name	Top Meas. Depth
Wasatcl Dark Ca Mesave Blackha	anyon rde wk	5,252 9,158 9,383 11,892	9,383 11,660	Well wa	s td'd with	in the Black	khawk @ 12,78	0'		
33. Circle	e enclosed att	achments:	ugging proced							
5. Su	ndry Notice	for plugging a	(1 full set req and cement v g and attache	erification	5.	Geologic Rep Core Analysi ete and correct	s 7. Oth		4. Directional Survey	ions)*
	(please print)	1		verly W			Title		Engineering Te	
Signat		Dica	rli/l	i dili	<u>L</u>		Date		11/16/2006	·
Title 18 U. States any	S.C. Section	1001 and Tit	le 43 U.S.C.	Section 121	2, make it a dentations as	crime for any p	erson knowingly an	d willfully to mak	e to any department or ag	ency of the United

Sheep Wash Federal 34-26-9-18 Additional Information to Well Completion Report

27. Perforation Record

Perforated Interval	Size	No. Hole	Perf. Status
12571-76; 12460-65; 12340-45; 12136-41; 12120-25; 12048-53; 11945-49	0.38	102	Open
11435-41; 11330-33; 11202-04; 11017-21; 11001-04; 10949-56; 10802-05; 10768-72	0.38	96	Open

28. Acid Fracture, Treatment, Cement Squeeze, Etc (continued)

Depth Interval	Amount and Type of Material
12571 - 12576	111681# 20-40 TDC+ using 2983 bbls WF and YF 118 gel
11945 - 12053	97254# 20-40 TDC+ using 2605 bbls WF and YF 118 gel
11202 - 11441	138,022# 20-40 TDC+ using 3255 bbls WF and YF 118 gel
10949 - 11021	140,560# 20-40 TDC+ using 3030 bbls WF and YF 118 gel
10768 - 10805	115,179# 20-40 TDC+ using 2700 bbls WF and YF 118 gel

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FOR	RM AF	PRO	VE	D
OM	3 No.	1004	-01	35
Expires	have	mher	าก	200

5. Lease Serial No. *UTU-19266*

If Indian,	Allottee	or Tribe	Name

SUBMIT IN TRIPLICATE – Other instructions on reverse side			7. If Unit or C	A/Agreement, Name and/or No.	
1. Type of Well					NA ,
Oil Well X Gas Well	Other		····	8. Well Name	
2. Name of Operator				Sheep W	ash Federal 34-26-9-18
Gasco Production Compan	y			9. API Well N	ło.
3a. Address		3b. Phone No. (include	area code)	7	43-047-36113
8 Inverness Dr E, Englewoo	od, Colorado 80112	303-483-	0044	10. Field and P	ool, or Exploratory Area
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)				Riverbend
	659' FSL & 1980' FE	\mathcal{L}		11. County or I	Parish, State
SW	VSE of Section 26-T9S	S-R18E		Uir	ntah County, Utah
12. CHECK A	APPROPRIATE BOX(ES) TO	INDICATE NATURE	F NOTICE, RE	PORT, OR OTH	IER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION	١	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamatio	(Start/Resume)	☐ Water Shut-Off ☐ Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		X Other
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	☐ Temporaril ☐ Water Disp	y Abandon osal	Site Security
13 Describe Proposed or Completed Ope	rations (clearly state all pertinent	t details, including estimate	d starting date of	any proposed worl	k and approximate duration thereof

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

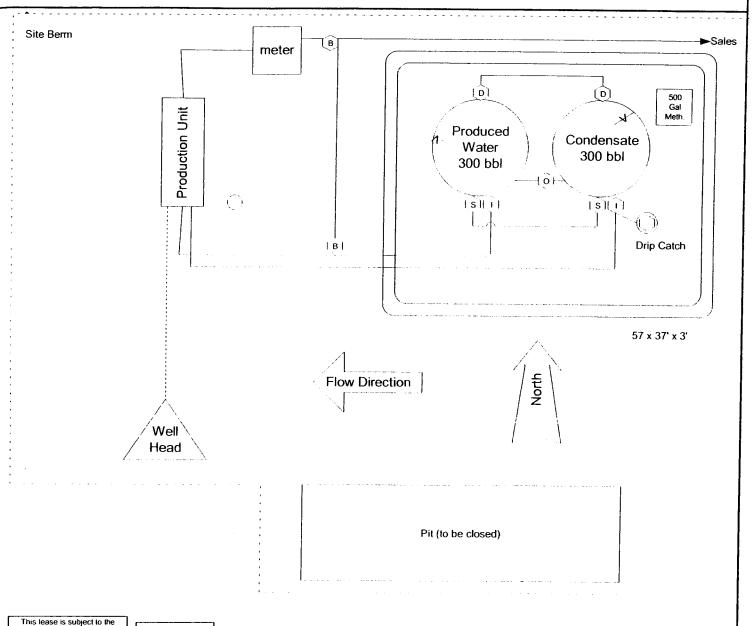
Please find attached the site security diagram for this well

14. I hereby certify that the foregoing is true and correct			
Name (Printed/Typed) Beverly Walker	Title	Engineering Technician	
Signature Deller (Steller	Date	March 8, 2007	
THIS	SPACE FOR FEDERAL OR STATE	USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice docertify that the applicant holds legal or equitable title to those rights in which would entitle the applicant to conduct operations thereon.			
Title 18 U.S.C. Section 1001, make it a crime for any person	on knowingly and willfully to make	to any department or agency of the Unit	ted States any

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED MAR 1 2 2007



Plan is lease is surject to the Site Security Plan for GASCO Production Company. The Plan is located at GASCO Production Company 8 Inverness Drive East Suite 100 Englewood, CO 80112-5625

LEGEND

Sales Valve

D - Drain Valve

I - Inlet Valve O - Overflow

B - Blowdown

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION/BLOWDOWN

Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Closed	Yes
1	Inlet	Open	No
0	Overflow	Open/Closed	No
В	Blowdown	Open/Closed	No

POSITION OF VALVES AND USE OF SEALS DURING SALES

7 03111014	OF VALVES AND US	L OI SEALS D	OIMING SALES
Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Open	No
1	Inlet	Closed	Yes
O	Overflow	Closed	Yes
В	Blowdown	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN

Valves	Line Purpose	Position	Seal Installed
D	Drain	Open	No
s	Sales	Closed	Yes
1	Inlet	Closed	No
0	Overflow	Closed	No
В	Blowdown	Closed	No

BUYS & ASSOCIATES, INC. ENVIRONMENTAL CONSULTANTS

GASCO Production Company Sheep Wash Federal 34-26-9-18 SW/SE Sec. 26, Twp. 9S, Rge. 18E Uintah County, Utah

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

DIV. OF OIL, GAS & MINING

Ехрі.	ics.	iviai	CI
Lease Senal No.			

	NOTICES AND REP			UTU-1	9266
Do not use to	his form for proposals t	o drill or to re-	enter an	6. If India	n, Allottee or Tribe Name
abandoned w	vell. Use Form 3160 - 3 (/	APD) for such pro	oposals.	NA	
SUBMIT IN TR	PIPLICATE- Other instr	ructions on reve	rse side.	7. If Unit c	or CA/Agreement, Name and/or No.
1. Type of Well Oil Well	✓ Gas Well Other			NA	
<u> </u>				8. Well Na	
2. Name of Operator GASCO PRO	ODUCTION COMPANY			9 API W	P WASH FEDERAL 34-26-9-18
3a Address 8 INVERNESS DR. E, # 100,		3b. Phone No. (include 303-483-0044	? area code)	A6-30-	+73613 4304736113
4. Location of Well (Footage, Sec.,	·····	303 103 0044		-1	nd Pool, or Exploratory Area RBEND
SWSE, 26-T9S-R18E	<i>,</i> , , , , , , , , , , , , , , , , , ,			11. County	or Parish, State
				UINTA	AH, UTAH
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE. R	EPORT, OF	R OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
[7]	Acidize	Deepen	Production (Sta	rt/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		✓ Other Complete and
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Ab	andon	commingle multple
	Convert to Injection	Plug Back	Water Disposal		pay zones
If the proposal is to deepen dire Attach the Bond under which t following completion of the in-	ectionally or recomplete horizontally he work will be performed or proviously volved operations. If the operation is all Abandonment Notices shall be f	 give subsurface location de the Bond No. on file versults in a multiple comp 	ns and measured and true with BLM/BIA. Require eletion or recompletion in	e vertical deptled subsequent r n a new interva	ork and approximate duration thereof, his of all pertinent markers and zones, reports shall be filed within 30 days al, a Form 3160-4 shall be filed once are completed, and the operator has
Gasco intends to complete all p Following final fracture stimulations Submitted.	roductive intervals in the Mesa on, a Completion Report conta	averde and Wasatch aining the perforation	formations, and to co and stimulation spe	ommingle pr cifics for eac	roduction from these intervals. ch zone completed will be
No new surface disturbance is a f required, the method used to a volume calculation.	inticipated. If any is necessary account for and to allocate pro	v, prior approval will be duction from each po	e obtained from the pol so commingled w	BLM-Verna vill be by ind	l Field Office. ividual interval hydrocarbon pore

If Gasco Production Company is the owner of all contiguous oil and gas leases or drilling units overlying the pools, Gasco herewith waive it's right to the 15-day period of objection per UDOGM Rule 649-3-22(3), and respectfully requests that the Division therefore accept this NOI in lieu of the required affidavit with regard to notification of the aforementioned owners.

If Gasco Production Company is NOT the owner of all contiguous oil and gas leases or drilling units overlying the pools, Gasco is including an affidavit showing that Gasco has provided a copy of the application to the owners of all contiguous oil and gas leases or drilling units overlying

Attachment: Exhibit showing the location of all wells on contiguous oil and gas lease or drilling units overlying the subject pools and a current

wellbore diagram showing up to date production intervals.		
14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)	1	
Matthew Owens	Title Petroleum Engineer	
Signature Jan June	Date 2/27/08	
THIS SPACE FOR FEDERA	L OR STATE OFFICE USE	
Approved by	- RECUEST DENIED	Date
Conditions of approval, if any, are attached. Approval of this notice does not want certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.	Tant of Utah Division of	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for ar States any false, fictitious or fraudulent statements or representations as to any mat	ny pake know a liv and willfully to make ar ter within its unsaict on	RECEIVED
(Instructions on page 2) COPY SENT TO OPERATOR	X	MAR 0 3 2008
Date: 6 · 10 · 2008	Sec 12644-5702	
Initials: KS	Sec 12644-3-22 (need Plat)	DIV. OF OIL, GAS & MINING

STATE OF UTAH	FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING 5.LEASE DESIGNATION AND SEI UTU-19266	IAL NUMBER:	
SUNDRY NOTICES AND REPORTS ON WELLS 6. If INDIAN, ALLOTTEE OR TRI	3E NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 7.UNIT or CA AGREEMENT NAME		
1. TYPE OF WELL Gas Well SHEEP WASH FED 34-26-9-18		
2. NAME OF OPERATOR: GASCO PRODUCTION COMPANY 9. API NUMBER: 43047361130000		
3. ADDRESS OF OPERATOR: 8 Inverness Dr. East, Suite 100 , Englewood, CO, 80112 PHONE NUMBER: 9. FIELD and POOL or WILDCAT 8 MILE FLAT NORTH		
4. LOCATION OF WELL FOOTAGES AT SURFACE: UINTAH		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 26 Township: 09.0S Range: 18.0E Meridian: S UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION TYPE OF ACTION		
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR		
✓ NOTICE OF INTENT Approximate date work will start: □ CHANGE TO PREVIOUS PLANS □ CHANGE TUBING □ CHANGE WELL NAME		
$oxed{1/1/2011}$ $oxed{\Box}$ change well status $oxed{\Box}$ commingle producing formations $oxed{\Box}$ convert well type		
SUBSEQUENT REPORT DEEPEN FRACTURE TREAT NEW CONSTRUCTION		
Date of Work Completion: OPERATOR CHANGE PLUG AND ABANDON PLUG BACK		
☐ PRODUCTION START OR RESUME ☐ RECLAMATION OF WELL SITE ☐ RECOMPLETE DIFFERENT FO	EMATION	
□ SPUD REPORT Date of Spud: □ REPERFORATE CURRENT FORMATION □ SIDETRACK TO REPAIR WELL □ TEMPORARY ABANDON		
☐ TUBING REPAIR ☐ VENT OR FLARE ✓ WATER DISPOSAL		
☐ DRILLING REPORT ☐ WATER SHUTOFF ☐ SI TA STATUS EXTENSION ☐ APD EXTENSION		
Report Date: WILDCAT WELL DETERMINATION OTHER OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Gasco would like to dispose of water at Integrated Water management, LLC state approved commercial disposal facility located in Section 30, 2 south Accepted by the Range 4 west in North Blue Bench UT. This facility would be used in addition of to the currently approved disposal facilities that Gasco uses to dispose of il, Gas and Mining water from this well. FOR RECORSO ONLY		
NAME (PLEASE PRINT) Jessica Berg 303 996-1805 PHONE NUMBER Production Clerk		

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

4/16/2015

FORMER OPERATOR:	NEW OPERATOR:
Gasco Prodcution Company N2575	Badlands Production Company N4265
7979 E. Tufts Avenue, Suite 11500	7979 E. Tufts Avenue, Suite 11500
Denver, CO 80237	Denver, CO 80237
303-996-1805	303-996-1805
CA Number(s):	Unit(s):Gate Canyon, Wilkin Ridge Deep, RBU-EOR-GRRV

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Туре	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:

6/2/2015

2. Sundry or legal documentation was received from the **NEW** operator on:

6/2/2015

3. New operator Division of Corporations Business Number:

1454161-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on:

6/2/2015

2. Receipt of Acceptance of Drilling Procedures for APD on:

N/A

3. Reports current for Production/Disposition & Sundries:

6/3/2015

4. OPS/SI/TA well(s) reviewed for full cost bonding:

1/20/2016

5. UIC5 on all disposal/injection/storage well(s) approved on:

N/A

6. Surface Facility(s) included in operator change:

None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

SUR0027842

2. Indian well(s) covered by Bond Number:

N/A

3.State/fee well(s) covered by Bond Number(s):

SUR0027845

SUR0035619 -FCB

DATA ENTRY:

1. Well(s) update in the OGIS on:	1/22/2016
2. Entity Number(s) updated in OGIS on:	1/22/2016
3. Unit(s) operator number update in OGIS on:	1/22/2016
4. Surface Facilities update in OGIS on:	N/A
5. State/Fee well(s) attached to bond(s) in RBDMS on:	1/22/2016
6. Surface Facilities update in RBDMS on:	N/A

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division

of their responsibility to notify all interest owners of this change on:

1/22/2016

COMMENTS:

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

Effective Date: 4/16/2015		T	1.55			1	1	_	T
Well Name	Section	TWN	-	API Number	Entity	Mineral	Surface	Type	Status
FEDERAL 23-18G-9-19	18	090S		4304752496		Federal	Federal		APD
FEDERAL 14-17G-9-19	17	090S	+	4304752522		Federal	Federal	-	APD
FEDERAL 13-18G-9-19	18	090S		4304752538		Federal	Federal	-	APD
FEDERAL 23-29G-9-19	29	090S		4304752544		Federal	Federal	+	APD
FEDERAL 24-20G-9-19	20	090S	190E	4304752545		Federal	Federal	-	APD
FEDERAL 31-21G-9-19	21	090S	190E	4304752546		Federal	Federal	OW	APD
Federal 323-29-9-19	29	090S	190E	4304753026		Federal	Federal	GW	APD
Federal 421-29-9-19	29	090S	190E	4304753027		Federal	Federal	GW	APD
Federal 322-29-9-19	29	090S	190E	4304753029		Federal	Federal	GW	APD
Federal 431-29-9-19	29	090S	190E	4304753030		Federal	Federal	GW	APD
Federal 432-29-9-19	29	090S	190E	4304753031		Federal	Federal	GW	APD
Federal 414-29-9-19	29	090S	190E	4304753070	•	Federal	Federal	GW	APD
FEDERAL 412-29-9-19	29	0908	190E	4304753073		Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	0908	190E	4304753076		Federal	Federal	GW	APD
federal 321-29-9-19	29	0908		4304753078	(mm)	Federal	Federal	GW	APD
FEDERAL 213-29-9-19	29	090S	1	4304753079		Federal	Federal	GW	APD
FEDERAL 321-29-9-19	29	090S	-	4304753080		Federal	Federal	GW	APD
Federal 212-29-9-19	29	090S		4304753133		Federal	Federal	GW	APD
State 321-32-9-19	32	090S		4304754479		State	State	GW	APD
State 423-32-9-19	32	090S	1	4304754480		State	State	GW	APD
State 421-32-9-19	32	090S	-	4304754481	-	State	State	GW	APD
State 413-32-9-19	32	090S		4304754482	1	State	State	GW	APD
State 323-32-9-19	32	090S		4304754483	 	State	State	GW	APD
State 431-32-9-19	32	090S		4304754529	ļ	State	State	GW	APD
The state of the s				4304754541			-	-	-
Desert Spring State 224-36-9-18	36	090S			1	State	State	GW	APD
Desert Spring State 243-36-9-18	36	090S	-	4304754542		State	State	GW	APD
Desert Spring State 241-36-9-18	36	0908		4304754543	10650	State	State	GW	APD
FEDERAL 332-30-9-19	30	0908		4304753012		Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	-	4301333098	-	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S		4304736915	16556		Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S		4304738573		Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	-	4304739777		Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	-	4304739800			Federal	GW	OPS
GATE CYN 31-21-11-15	21	110S		4301332391	13787		State	GW	P
WILKIN RIDGE ST 12-32-10-17	32		-	4301332447		-	State		P
GATE CYN 41-20-11-15	20	110S	-	4301332475	-	-	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	110S	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	-	4301332730	15243		State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S		4301332773		Federal	Federal	+ -	P
WILKIN RIDGE 32-08	8	110S	1	4301332778			Federal		P
GATE CYN ST 23-16-11-16	16	1105	-	4301332888			State	-	P
WILKIN RIDGE FED 24-20-10-17	20	1005				Federal	Federal		P
WILKIN RIDGE FED 32-20-10-17	20	100S	1	4301333087		Federal	Federal		P
WILKIN RIDGE FED 14-4-11-17	4	110S	-	4301333099	-		Federal	-	P
RYE PATCH FED 22-21	22	110S		4301333037		Federal	Federal		P
RYE PATCH FED 22-21	24	1105	+	4301333437		Federal	Federal	-	P
	2		1			-			P
SQUAW CROSSING U 5	-	1005	-	4304730129	16266		State	OW	-
RBU 5-11D	11	1008	-		9005	Federal	Federal		P
FEDERAL 7-25A	25	090S	INOF	4304730624	9030	Federal	Federal	UW	P

RBU 6-2D	2	100S	180E 4304731190 7075 State State OW P	
NGC 33-18J	18	090S	190E 4304731190 7073 State State OW P	
RBU 13-2D	2	100S	180E 4304731280 16267 State State OW P	
	3	100S	180E 4304731280 10207 State State OW P	
RBU 16-3D	11	100S		
RBU 10-11D				
RBU 8-10D	10	100S	180E 4304731364 4955 Federal Federal OW P	
RBU 15-3D	3	1008	180E 4304731539 9965 Federal Federal OW P	
RBU 12-12D	12	1008	180E 4304731651 10688 Federal Federal OW P	
RBU 2-10D	10	1008	180E 4304731801 10784 Federal Federal OW P	
RBU 3-15D	15	100S	180E 4304733600 13213 Federal Federal OW P	
RBU 3-12D	12	100S	180E 4304733739 14492 Federal Federal OW P	
STATE 7-36A	36	090S	180E 4304733741 14244 State State GW P	
FEDERAL 34-29	29	090S	190E 4304733750 13174 Federal Federal GW P	
FEDERAL 24-7 #1	7	100S	180E 4304733983 13182 Federal Federal GW P	
FEDERAL 23-29 #1	29	090S	190E 4304734111 13441 Federal Federal GW P	
FED 24-20-9-19	20	090S	190E 4304734168 14150 Federal Federal GW P	·
FED 44-20-9-19	20	090S	190E 4304734169 14140 Federal Federal GW P	ı
FED 23-21-9-19	21	090S	190E 4304734199 13601 Federal Federal GW P	
FED 32-31-9-19	31	090S	190E 4304734201 13641 Federal Federal GW P	
FED 42-29-9-19	29	090S	190E 4304734202 13455 Federal Federal GW P	
PETES WASH 23-12 #1	12	100S	170E 4304734286 13492 Federal Federal GW P	
STATE 4-32B	32	090S	190E 4304734314 14440 State State GW P	
FED 14-18-2 #1	18	100S	180E 4304734539 13491 Federal Federal GW P	
FED 43-24-3 #1	24	100S	170E 4304734551 13726 Federal Federal GW P	
LYTHAM FED 22-22-9-19	22	090S	190E 4304734607 13640 Federal Federal GW P	
FED 11-21-9-19	21	0905	190E 4304734608 14151 Federal Federal GW P	
FED 22-30-10-18	30	100S	180E 4304734924 14280 Federal Federal GW P	
FEDERAL 43-30-9-19	30	090S	190E 4304735343 14202 Federal Federal GW P	
FED 11-22-9-19	22	090S	190E 4304735404 14203 Federal Federal GW P	
FED 42-21-9-19	21	090S	190E 4304735405 14928 Federal Federal GW P	
STATE 24-16-9-19	16	0908	190E 4304735588 14418 State Federal GW P	
FEDERAL 31-21-9-19	21	090S	190E 4304735606 14441 Federal Federal GW P	
FEDERAL 12-29-19	29	090S		
		_	1902 10000000000000000000000000000000000	
FEDERAL 24-31-9-19	31	090S	23 02 100 170 000 2 100 2	
FEDERAL 41-31-9-19	31	0908	190E 4304735624 14419 Federal Federal GW P	
LAMB TRUST 24-22-9-19	22		170L 4304733732 14470 1CC 1CC GW 1	
LAMB TRUST 24-14-9-19	14		190E 4304735733 14519 Fee Fee GW P	
FEDERAL 11-22-10-18	22		180E 4304735808 15592 Federal Federal GW P	
FEDERAL 21-6-10-19	6	100S	190E 4304735844 14356 Federal Federal GW P	
DESERT SPRING ST 41-36-9-18	36	0908	180E 4304735845 14639 State State GW P	
STATE 12-32-9-19	32	0908	190E 4304735995 14871 State State GW P	
FEDERAL 12-20-9-19	20	090S	190E 4304736093 14976 Federal Federal GW P	
FEDERAL 32-20-9-19	20	090S	190E 4304736094 16120 Federal Federal GW P	
FEDERAL 23-30-9-19	30	090S	190E 4304736095 14872 Federal Federal GW P	
SHEEP WASH FED 34-26-9-18	26	090S	180E 4304736113 15096 Federal Federal GW P	
DESERT SPRING ST 23-36-9-18	36	090S	180E 4304736219 14738 State State GW P	
DESERT SPRING ST 21-36-9-18	36	090S	180E 4304736220 14763 State State GW P	
DESERT SPRING ST 12-36-9-18	36	090S	180E 4304736233 14764 State State GW P	
DESERT SPRING ST 43-36-9-18	36	090S	180E 4304736241 14992 State State GW P	
DESERT SPRING ST 34-36-9-18	36	090S	180E 4304736242 14716 State State GW P	
FEDERAL 14-31-9-19	31	090S	190E 4304736271 15884 Federal Federal GW P	
FEDERAL 12-31-9-19	31	090S	190E 4304736336 15086 Federal Federal GW P	
FEDERAL 21-31-9-19	31	090S	190E 4304736368 15605 Federal Federal GW P	
FEDERAL 23-31-9-19	31	0908	190E 4304736442 15715 Federal Federal GW P	
SHEEP WASH FED 43-25-9-18	25	090S	180E 4304736600 14977 Federal Federal GW P	
FEDERAL 43-19-9-19	19	090S	190E 4304736719 15186 Federal Federal GW P	
1 DDD1W1D 43-17-7-17	17	10703	I TOLL TOUT I TO I TOU I TEUCIAL I TEUCIAL U W F	

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

CHEED WASH DED OF O 10	- 105	0000	100E 4004504505	15675	P. 1 2	F. 2 1	CITY	D
SHEEP WASH FED 21-25-9-18	25	090S	180E 4304736727			Federal	GW	P
FEDERAL 21-30-9-19	30	0908	190E 4304736739		Federal	Federal	GW	P
SHEEP WASH FED 23-25-9-18	25	090S	180E 4304736740		Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E 4304736771		Federal			P
SHEEP WASH FED 41-25-9-18	25	090S	180E 4304736772		+	Federal	+	P
FEDERAL 41-30-9-19	30		190E 4304736817			Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E 4304736913		+	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E 4304736916			Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E 4304737115	 		State	GW	P
FEDERAL 14-17-9-19	17	0908	190E 4304737116		Federal	Federal	+	P
FEDERAL 34-18-9-19	18		190E 4304737117		Federal	Federal		P
UTELAND ST 41-2-10-18	2	100S	180E 4304737132	15087	-	State	GW	P
UTELAND ST 43-2-10-18	2	1005	180E 4304737338	-		State	GW	P
FEDERAL 41-19-9-19	19	0908			Federal	Federal	_	P
FEDERAL 32-30-9-19	30	0908	190E 4304737612		 	Federal		P
FEDERAL 12-30-9-19	30	0908	190E 4304737613	 	+	Federal		P
FEDERAL 21-19-9-19	19		190E 4304737621		Federal		GW	P
FEDERAL 14-18-9-19	18	0908	190E 4304737622			Federal		P
FEDERAL 34-30-9-19	30	090S	190E 4304737630	 		Federal		P
DESERT SPRING FED 21-1-10-18	1	1008	180E 4304737631			Federal	+	P
FEDERAL 12-1-10-18	1	1005	180E 4304737646		+	Federal	+	P
SHEEP WASH FED 14-25-9-18	25	090S	180E 4304737647	•		Federal		P
UTELAND ST 21-2-10-18	2	100S	180E 4304737676			State	GW	P
UTELAND ST 12-2-10-18	2	100S		15806		State	GW	P
UTELAND ST 34-2-10-18	2	1008		16868	+	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E 4304738336		+	Federal	+	P
FEDERAL 34-19-9-19	19	090S			Federal	Federal	_	P
SHEEP WASH FED 41-26-9-18	26	0908			Federal	Federal		P
SHEEP WASH FED 32-25-9-18	25	0908	180E 4304738352		Federal	Federal		P
SHEEP WASH FED 34-25-9-18	25 19	090S 090S			Federal	Federal Federal		P
FEDERAL 12-19-9-19	26	090S	190E 4304738407 180E 4304738465			Federal	GW	P
SHEEP WASH FED 23-26-9-18	25	0908			Federal Federal			P
SHEEP WASH FED 12-25-9-18	18	090S	190E 4304738575			Federal	GW	P
FEDERAL 23-18-9-19 LAMB TRUST 34-22A-9-19	22		190E 4304738573 190E 4304738673			Federal		P
UTELAND FED 42-11-10-18	11		180E 4304738896			Fee	GW	P
	32	090S	190E 4304739170		·			P
STATE 22 22A	32		190E 4304739170 190E 4304739171			State	GW	P
STATE 21-22A	32	0908	190E 4304739171 190E 4304739172			State	GW	P
STATE 21-32A	19	090S 090S	190E 4304739172 190E 4304739717		·	State Federal	GW	
FEDERAL 11-19-9-19 SHEEP WASH FED 31-25-9-18	25	_	180E 4304739717		 		_	P P
	25	0908				Federal	+	+
SHEEP WASH FED 11-25-9-18	1	090S	180E 4304739730		+	Federal	 	P
DESERT SPG FED 41-1-10-18 FED 32-19X-9-19(RIGSKID)	19	100S 090S			Federal Federal	Federal		P
	30	090S			Federal	Federal		P P
FEDERAL 23-30G-9-19 FEDERAL 34-19G-9-19	19	090S	190E 4304751281			Federal Federal		P
FEDERAL 34-19G-9-19 FEDERAL 442-30-9-19	30	090S	190E 4304751281 190E 4304752870		†	Federal	 	P
FEDERAL 333-30-9-19	30	090S	190E 4304752870 190E 4304752872			Federal		P
FEDERAL 423-30-9-19	30	090S	190E 4304752872 190E 4304753011			Federal		P
Desert Springs State 412-36-9-18	36	090S	180E 4304753324			State	GW	P
	36	090S	180E 4304753324 180E 4304753325		-		+	P
Desert Springs State 424-36-9-18 Desert Springs State 123-26-9-18	36	090S	· · · · · · · · · · · · · · · · · · ·		·	State	GW	P
Desert Spring State 133-36-9-18			180E 4304753326			State	GW	
Desert Spring State 142-36-9-18	36	0908	180E 4304753327			State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	0908	180E 4304753328			State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E 4301332677			State	GW	S
RBU 4-11D	11	100S	180E 4304730718	10209	rederal	Federal	UW	S

From: Gasco Production Company To: Badlands Production Company Effective Date: 4/16/2015

RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	ow	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	OW	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

ı	DIVISION OF OIL, GAS AND MINING								
SUNDRY	NOTICES AND REPORTS ON WE	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill n drill horizontal la	wwwells, significantly deepen existing wells below current bottom-hole deerals. Use APPLICATION FOR PERMIT TO DRILL form for such propor	pth, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME:						
1. TYPE OF WELL OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: Desert Spring Fed 21-1-10-18						
2. NAME OF OPERATOR:			9. API NUMBER: 4304737631						
Gasco Production Compa		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:						
7979 E. Tufts Ave.	Denver STATE CO ZIP 80237	(303) 483-0044	Uteland Butte						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0633 F	NL 1512 FWL		соинту: Uintah						
QTR/QTR, SECTION, TOWNSHIP, RAN	SE, MERIDIAN: NENW 1 10S 18E S		STATE: UTAH						
11. CHECK APPE	OPRIATE BOXES TO INDICATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA						
TYPE OF SUBMISSION		YPE OF ACTION							
Gasco Production Compar Production Company to Ba Gasco Production Compar 7979 E Tufts Ave, Suite 11	CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE MPLETED OPERATIONS. Clearly show all pertinent details in any requests a change of operator on this well dlands Production Company, effective date	STRUCTION R CHANGE D ABANDON K HON (START/RESUME) TION OF WELL SITE ETE - DIFFERENT FORMATION RICHIDING dates, depths, volume I, in addition to the we							
Denver CO 80237 303-996-1805 Michael Decker, Exec. Vice	President & COO		"and from had how \$ 3. 5 hour lived"						
Dadlanda Desdesstass Osses			RECEIVED						
Badlands Production Comp 7979 E Tufts Ave, Suite 11 Denver CO 80237			JUN 0 2 2015						
Michael Decker, Exec. Vice	President & COO	DIV.	OF OIL, GAS & MINING						
NAME (PLEASE PRINT) Lindsey Co	oke nit	Engineering Tech	1						
SIGNATURE AMBLI	COOKE DA	5/18/2015							
(This space for State use only)		AP	PROVED						

Well Name	Section	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
FEDERAL 332-30-9-19	30	090S	190E	4304753012	19650	Federal	Federal	GW	DRL
WILKIN RIDGE FED 43-29-10-17	29	100S	170E	4301333098	15941	Federal	Federal	GW	OPS
LAMB TRUST 11-23-9-19	23	090S	190E	4304736915	16556	Fee	Fee	GW	OPS
SHEEP WASH FED 43-26-9-18	26	090S	180E	4304738573	17201	Federal	Federal	GW	OPS
FEDERAL 13-19-9-19	19	090S	190E	4304739777	18344	Federal	Federal	GW	OPS
FEDERAL 12-17-9-19	17	090S	190E	4304739800	17202	Federal	Federal	GW	OPS
GATE CYN 31-21-11-15	21	1108	150E	4301332391	13787	State	State	GW	P
WILKIN RIDGE ST 12-32-10-17	32	100S	170E	4301332447	14033	State	State	GW	P
GATE CYN 41-20-11-15	20	110S	150E	4301332475	14417	State	State	GW	P
WILKIN RIDGE FED 34-17-10-17	17	100S	170E	4301332560	14726	Federal	Federal	GW	P
GATE CYN 41-19-11-16	19	1108	160E	4301332611	14439	Federal	Federal	GW	P
WILKIN RIDGE ST 44-32-10-17	32	100S	170E	4301332619	15649	State	State	GW	P
WILKIN RIDGE FED 12-4-11-17	4	110S	170E	4301332674	15537	Federal	Federal	GW	P
WILKIN RIDGE ST 24-32-10-17	32	100S	170E	4301332676	15242	State	State	GW	P
WILKIN RIDGE FED 23-29-10-17	29	100S	170E	4301332679	14033	Federal	Federal	GW	P
GATE CYN ST 23-16-11-15	16	110S	150E	4301332685	16082	State	State	GW	P
WILKIN RIDGE ST 34-16-10-17	16	100S	170E	4301332730	15243	State	State	GW	P
WILKIN RIDGE FED 31-29-10-17	29	100S	170E	4301332773	15370	Federal	Federal	GW	P
WILKIN RIDGE 32-08	8	1108	170E	4301332778	14802	Federal	Federal	GW	P
GATE CYN ST 23-16-11-16	16	1108	160E	4301332888	15098	State	State	GW	P
WILKIN RIDGE FED 24-20-10-17	20	100S	170E	4301333081	15714	Federal	Federal	GW	P
WILKIN RIDGE FED 32-20-10-17	20	100S	170E	4301333087	15807	Federal	Federal	GW	P
WILKIN RIDGE FED 14-4-11-17	4	110S	170E	4301333099	15920	Federal	Federal	GW	P
RYE PATCH FED 22-21	22	1108	140E	4301333437	16919	Federal	Federal	GW	P
RYE PATCH FED 24-21	24	1108	140E	4301333443	16367	Federal	Federal	GW	P
RBU 5-11D	11	1008	180E	4304730409	9005	Federal	Federal	OW	P
FEDERAL 7-25A	25	090S	180E	4304730624	9030	Federal	Federal	OW	P
RBU 6-2D	2	100\$	180E	4304731190	7075	State	State	OW	P
NGC 33-18J	18	0908	190E	4304731200	6155	Federal	Federal	OW	P
RBU 13-2D	2	1008	180E	4304731280	16267	State	State	OW	P
RBU 16-3D	3	1008	180E	4304731352	16268	Federal	Federal	OW	P
RBU 10-11D	11	1008	180E	4304731357	7053	Federal	Federal	OW	P
RBU 8-10D	10	100S	180E	4304731364	4955	Federal	Federal	OW	P
RBU 15-3D	3	100S	180E	4304731539	9965	Federal	Federal	OW	P
RBU 12-12D	12	100S	180E	4304731651	10688	Federal	Federal	OW	P
RBU 2-10D	10	1008	180E	4304731801	10784	Federal	Federal	OW	P
RBU 3-15D	15	100S	180E	4304733600	13213	Federal	Federal	OW	P
RBU 3-12D	12	1005	180E	4304733739	14492	Federal	Federal	OW	P
STATE 7-36A	36	090S	180E	4304733741	14244	State	State	GW	P
FEDERAL 34-29	29	090\$	190E	4304733750	13174	Federal	Federal	GW	P
FEDERAL 24-7 #1	7	100S	180E	4304733983	13182	Federal	Federal	GW	P
FEDERAL 23-29 #1	29	090S	190E	4304734111	13441	Federal	Federal	GW	P
FED 24-20-9-19	20	0908	190E	4304734168	14150	Federal	Federal	GW	P
FED 44-20-9-19	20	0908	190E	4304734169	14140	Federal	Federal	GW	P
FED 23-21-9-19	21	0908	190E	4304734199	13601	Federal	Federal	GW	P
FED 32-31-9-19 FED 42-29-9-19	31 29	090S 090S	190E 190E	4304734201 4304734202	13641 13455	Federal Federal	Federal Federal	GW GW	P P
PETES WASH 23-12 #1			170E			Federal		GW	
	12 32	1008		4304734286	13492	State	Federal State		P P
STATE 4-32B		090\$	190E 180E	4304734314	14440			GW GW	
FED 14-18-2 #1	18	100S		4304734539	13491	Federal	Federal Federal		P
FED 43-24-3 #1 LYTHAM FED 22-22-9-19	24 22	100S 090S	170E 190E	4304734551 4304734607	13726 13640	Federal Federal	Federal	GW GW	P P
FED 11-21-9-19 FED 22-30-10-18	21 30	090S 100S	190E 180E	4304734608 4304734924	14151 14280	Federal Federal	Federal Federal	GW GW	P P
			190E		14202	Federal	Federal	GW	
FEDERAL 43-30-9-19	30	0908		4304735343					P P
FED 11-22-9-19 FED 42-21-9-19	22 21	090S 090S	190E 190E	4304735404 4304735405	14203 14928	Federal Federal	Federal Federal	GW GW	P P
STATE 24-16-9-19	16	090S	190E	4304735588	14418	State	Federal	GW	r P
31A1E 44-10-7-17	10	いろいろ	IYUE	4JU4/JJJ00	14419	SIMIC	reuerai	UW	Г

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FEDERAL 31-21-9-19	21	090S	190E	4304735606	14441	Federal	Federal	GW	P
FEDERAL 12-29-9-19	29	090S	190E	4304735614	14442	Federal	Federal	GW	P
FEDERAL 24-31-9-19	31	090S	190E	4304735623	14640	Federal	Federal	GW	P
FEDERAL 41-31-9-19	31	090S	190E	4304735624	14419	Federal	Federal	GW	P
LAMB TRUST 24-22-9-19	22	090S	190E	4304735732	14496	Fee	Fee	GW	P
LAMB TRUST 24-14-9-19	14	090S	190E	4304735733	14519	Fee	Fee	GW	P
FEDERAL 11-22-10-18	22	100S	180E	4304735808	15592	Federal	Federal	GW	P
FEDERAL 21-6-10-19	6	100S	190E	4304735844	14356	Federal	Federal	GW	P
DESERT SPRING ST 41-36-9-18	36	090S	180E	4304735845	14639	State	State	GW	P
STATE 12-32-9-19	32	090S	190E	4304735995	14871	State	State	GW	P
FEDERAL 12-20-9-19	20	090S	190E	4304736093	14976	Federal	Federal	GW	P
									P
FEDERAL 32-20-9-19	20	090S	190E	4304736094	16120	Federal	Federal	GW	-
FEDERAL 23-30-9-19	30	090S	190E	4304736095	14872	Federal	Federal	GW	P
SHEEP WASH FED 34-26-9-18	26	090\$	180E	4304736113	15096	Federal	Federal	GW	P
DESERT SPRING ST 23-36-9-18	36	090S	180E	4304736219	14738	State	State	GW	P
DESERT SPRING ST 21-36-9-18	36	090S	180E	4304736220	14763	State	State	GW	P
DESERT SPRING ST 12-36-9-18	36	090S	180E	4304736233	14764	State	State	GW	P
DESERT SPRING ST 43-36-9-18	36	090S	180E	4304736241	14992	State	State	GW	P
DESERT SPRING ST 34-36-9-18	36	090S	180E	4304736242	14716	State	State	GW	P
FEDERAL 14-31-9-19	31	090S	190E	4304736271	15884	Federal	Federal	GW	P
FEDERAL 12-31-9-19	31	090S	190E	4304736336	15086	Federal	Federal	GW	P
FEDERAL 21-31-9-19	31	090S	190E	4304736368	15605	Federal	Federal	GW	P
FEDERAL 23-31-9-19	31	0908	190E	4304736442	15715	Federal	Federal	GW	P
SHEEP WASH FED 43-25-9-18	25	090S	180E	4304736600	14977	Federal	Federal	GW	P
FEDERAL 43-19-9-19	19	090S	190E	4304736719	15186	Federal	Federal	GW	P
SHEEP WASH FED 21-25-9-18	25	090S	180E	4304736727	15475	Federal	Federal	GW	P
									P
FEDERAL 21-30-9-19	30	090\$	190E	4304736739	15476	Federal	Federal	GW	_
SHEEP WASH FED 23-25-9-18	25	090S	180E	4304736740	15213	Federal	Federal	GW	P
FEDERAL 23-19-9-19	19	090S	190E	4304736771	15355	Federal	Federal	GW	P
SHEEP WASH FED 41-25-9-18	25	090\$	180E	4304736772	15338	Federal	Federal	GW	P
FEDERAL 41-30-9-19	30	090S	190E	4304736817	15212	Federal	Federal	GW	P
LAMB TRUST 34-22-9-19	22	090S	190E	4304736913	15187	Fee	Fee	GW	P
LAMB TRUST 14-14-9-19	14	090S	190E	4304736916	17012	Fee	Fee	GW	P
DESERT SPRING ST 33-36-9-18	36	090S	180E	4304737115	15011	State	State	GW	P
FEDERAL 14-17-9-19	17	090S	190E	4304737116	16163	Federal	Federal	GW	P
FEDERAL 34-18-9-19	18	090S	190E	4304737117	16275	Federal	Federal	GW	P
UTELAND ST 41-2-10-18	2	100S	180E	4304737132	15087	State	State	GW	P
UTELAND ST 43-2-10-18	2	100S	180E	4304737338	15365	State	State	GW	P
FEDERAL 41-19-9-19	19	090S	190E	4304737611	16311	Federal	Federal	GW	P
FEDERAL 32-30-9-19	30	090S	190E	4304737612	16051	Federal	Federal	GW	P
FEDERAL 12-30-9-19	30	090S		4304737613		Federal	Federal	GW	P
FEDERAL 21-19-9-19	19	090S	190E		16253	Federal	Federal	GW	P
FEDERAL 14-18-9-19	18	090S	190E	4304737622	16264	Federal	Federal	GW	P
FEDERAL 34-30-9-19	30		190E			Federal	Federal		
		090S		4304737630	16557			GW	P
DESERT SPRING FED 21-1-10-18		100S	180E	4304737631	15961	Federal	Federal	GW	P
FEDERAL 12-1-10-18	1	100S	180E	4304737646	16023	Federal	Federal	GW	P
SHEEP WASH FED 14-25-9-18	25	0908	180E	4304737647	16121	Federal	Federal	GW	P
UTELAND ST 21-2-10-18	2	100S	180E	4304737676	16254	State	State	GW	P
UTELAND ST 12-2-10-18	2	100S	180E	4304737677	15806	State	State	GW	P
UTELAND ST 34-2-10-18	2	100S	180E	4304738028	16868	State	State	GW	P
FEDERAL 14-19-9-19	19	090S	190E	4304738336	16467	Federal	Federal	GW	P
FEDERAL 34-19-9-19	19	090S	190E	4304738337	16119	Federal	Federal	GW	P
SHEEP WASH FED 41-26-9-18	26	090S	180E	4304738351	16884	Federal	Federal	GW	P
SHEEP WASH FED 32-25-9-18	25	090S	180E	4304738352	16349	Federal	Federal	GW	P
SHEEP WASH FED 34-25-9-18	25	090S	180E	4304738353	16210	Federal	Federal	GW	P
FEDERAL 12-19-9-19	19	090S	190E	4304738407	16236	Federal	Federal	GW	P
SHEEP WASH FED 23-26-9-18	26	090S	180E	4304738465	16558	Federal	Federal	GW	P
SHEEP WASH FED 12-25-9-18	25	090S	180E	4304738469	16449	Federal	Federal	GW	P
FEDERAL 23-18-9-19	18	090S	190E	4304738575	16312	Federal	Federal	GW	P
	10	0700	LOUD	.507,505/3	10012	. Julia	. Judai	J 11	•

LAMB TRUST 34-22A-9-19	22	090S	190E	4304738673	15832	Fee	Fee	GW	P
UTELAND FED 42-11-10-18	11	100S	180E	4304738896	16792	Federal	Federal	GW	P
STATE 21-32B	32	090S	190E	4304739170	16309	State	State	GW	P
STATE 22-32A	32	090S	190E	4304739171	16308	State	State	GW	P
STATE 21-32A	32	090S	190E	4304739172	16310	State	State	GW	P
FEDERAL 11-19-9-19	19	090S	190E	4304739717	17054	Federal	Federal	GW	P
SHEEP WASH FED 31-25-9-18	25	090S	180E	4304739729	17241	Federal	Federal	GW	P
SHEEP WASH FED 11-25-9-18	25	090S	180E	4304739730	17266	Federal	Federal	GW	P
DESERT SPG FED 41-1-10-18	1	100S	180E	4304739773	17013	Federal	Federal	GW	P
FED 32-19X-9-19(RIGSKID)	19	090S	190E	4304740233	17014	Federal	Federal	GW	P
FEDERAL 23-30G-9-19	30	090S	190E	4304751280	18211	Federal	Federal	ow	P
FEDERAL 34-19G-9-19	19	090S	190E	4304751281	18210	Federal	Federal	ow	P
FEDERAL 442-30-9-19	30	090S	190E	4304752870	19647	Federal	Federal	GW	P
FEDERAL 333-30-9-19	30	090S	190E	4304752872	19648	Federal	Federal	GW	P
FEDERAL 423-30-9-19	30	090S	190E	4304753011	19649	Federal	Federal	GW	P
Desert Springs State 412-36-9-18	36	090S	180E	4304753324	19783	State	State	GW	P
Desert Springs State 424-36-9-18	36	090S	180E	4304753325	19783	State	State	GW	P
Desert Springs State 133-36-9-18	36	090S	180E	4304753326	19747	State	State	GW	P
Desert Spring State 142-36-9-18	36	090S	180E	4304753327	19747	State	State	GW	P
DESERT SPRINGS ST 422-36-9-18	36	090S	180E	4304753328	19783	State	State	GW	P
WILKIN RIDGE ST 31-32-10-17	32	100S	170E	4301332677	15144	State	State	GW	S
SQUAW CROSSING U 5	2	100S	180E	4304730129	16266	State	State	ow	S
RBU 4-11D	11	100S	180E	4304730718	16269	Federal	Federal	OW	S
RBU 2-11D	11	100S	180E	4304730826	16270	Federal	Federal	OW	S
RBU 6-11D	11	100S	180E	4304731192	16271	Federal	Federal	OW	S
STATE 2-32B	32	090S	190E	4304732221	11371	State	State	GW	S
STATE 9-36A	36	090S	180E	4304732225	11364	State	State	GW	S
FEDERAL 13-30B	30	090S	190E	4304733581	13249	Federal	Federal	GW	S
STATE 13-36A	36	090S	180E	4304733598	17838	State	State	GW	S
FEDERAL 16-26A	26	090S	180E	4304733601	12928	Federal	Federal	GW	S
FEDERAL 31-29	29	090S	190E	4304733653	13077	Federal	Federal	GW	S
RBU 1-10D	10	100S	180E	4304734312	16265	Federal	Federal	ow	S
FEDERAL 13-18-9-19	18	090S	190E	4304739776	17149	Federal	Federal	GW	S